

South Platte Summary

May 2009

Compiled by Jana Ash



Clear Creek at Morrison
(Photo by Jana Ash)

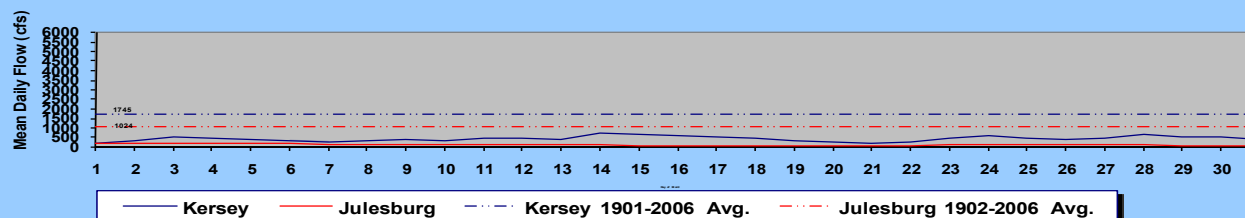
COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

MONTH OF MAY 2009

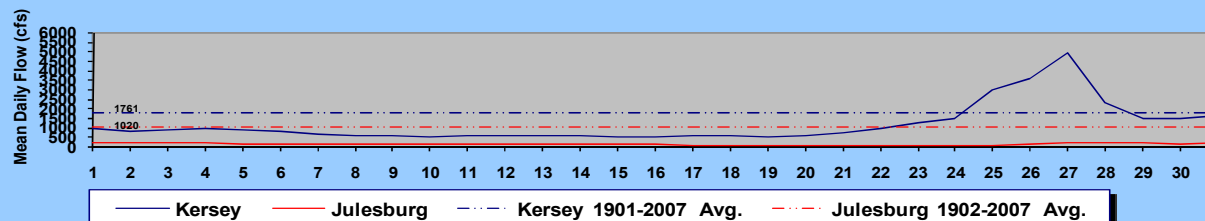
RESERVOIR	FULL ALLOWABLE CAPACITY (ACRE FEET)	FIRST OF MONTH (ACRE FEET)	END OF MONTH (ACRE FEET)	DISTRICT	CHANGE IN STORAGE (ACRE FEET)	% CHANGE IN STORAGE BASED ON FIRST OF MONTH STORAGE	% OF CURRENT FULL ALLOWABLE CAPACITY	% OF CURRENT FULL ALLOWABLE CAPACITY THIS MONTH LAST YEAR	SURCHARGE (ACRE FEET)
JULESBURG	22,666	22,666	21,359	64	-1,307	-6%	94%	92%	0
N STERLING	73,730	74,300	72,583	64	-1,717	-2%	98%	81%	0
PREWITT	28,500	28,481	28,600	64	119	0%	100%	82%	100
JACKSON	27,257	27,256	27,260	1	4	0%	100%	93%	3
EMPIRE	37,700	37,070	37,709	1	639	2%	100%	71%	9
RIVERSIDE	63,113	62,810	58,337	1	-4,473	-7%	92%	74%	0
BARR LAKE	31,652	28,199	28,942	2	743	3%	91%	87%	0
CHEESMAN	79,064	78,610	79,800	80	1,190	2%	100%	87%	736
ELEVEN MILE	97,779	99,212	101,767	23	2,555	3%	100%	100%	3,988
SPINNEY	53,651	45,431	53,651	23	8,220	18%	100%	81%	0
ANTERO	20,015	20,103	20,370	23	267	1%	100%	100%	355

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	1156
JULESBURG	141
THIS MONTH LAST YEAR	
KERSEY	418
JULESBURG	110
MEAN FOR PERIOD OF RECORD*	
KERSEY	1761
JULESBURG	1020
* 1901-2007	
1902-2007	

**SOUTH PLATTE RIVER
MAY 2008**

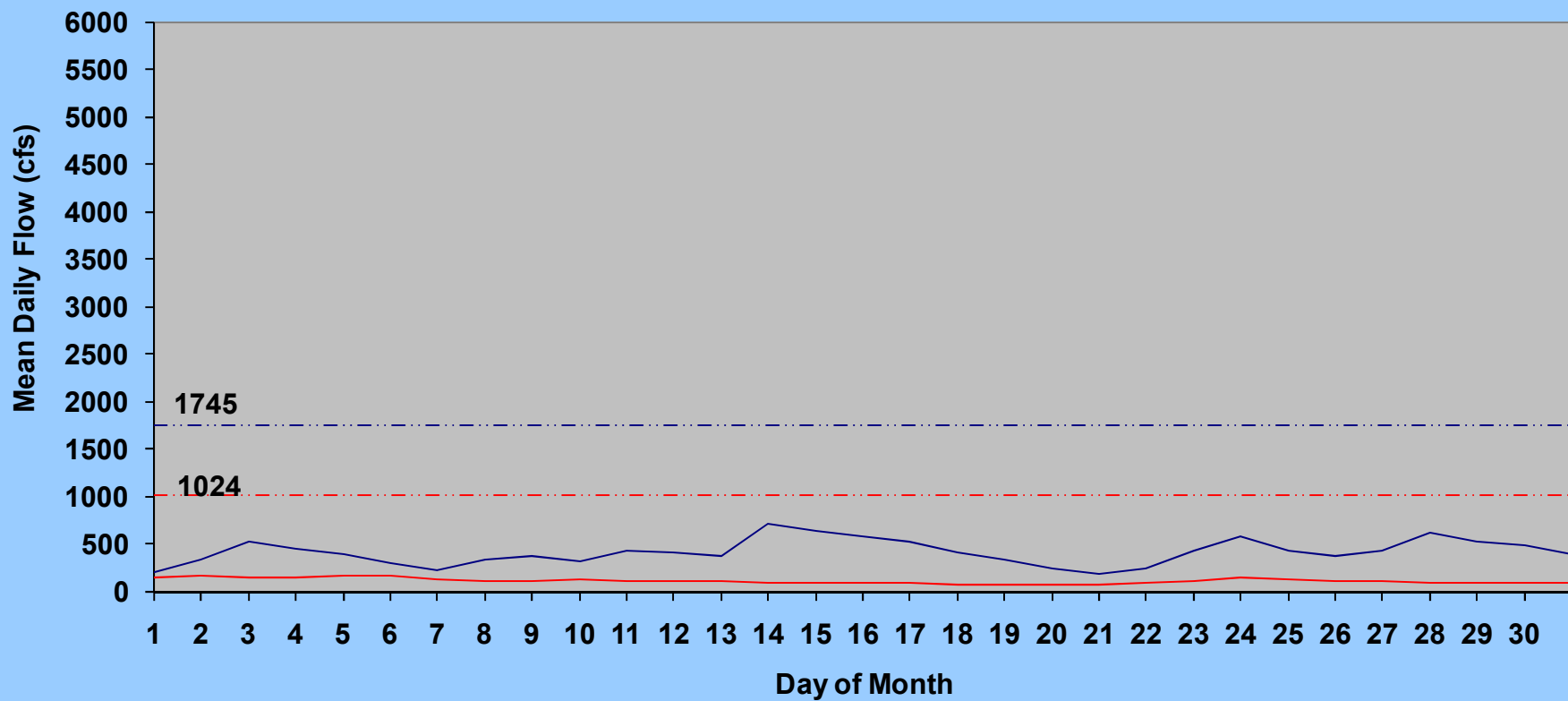


**SOUTH PLATTE RIVER
MAY 2009**



SOUTH PLATTE RIVER

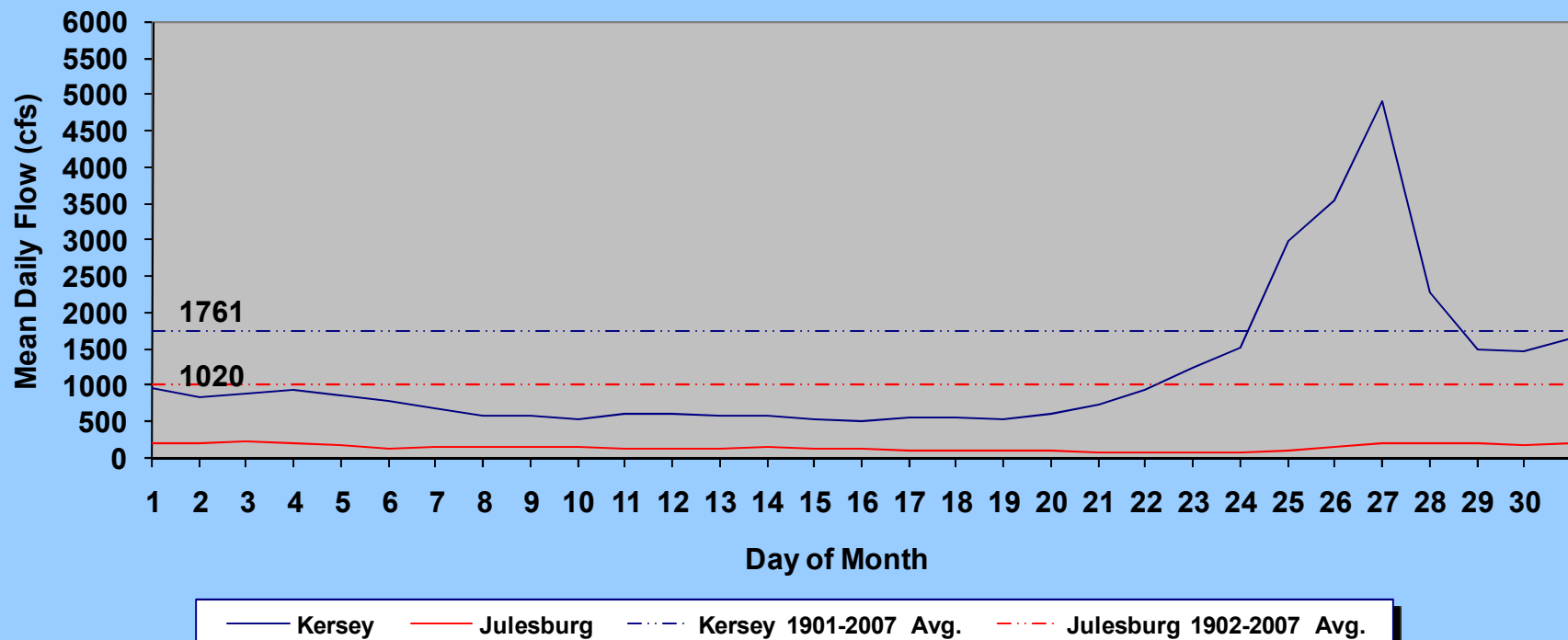
MAY 2008



— Kersey — Julesburg - - - Kersey 1901-2006 Avg. - - - Julesburg 1902-2006 Avg.

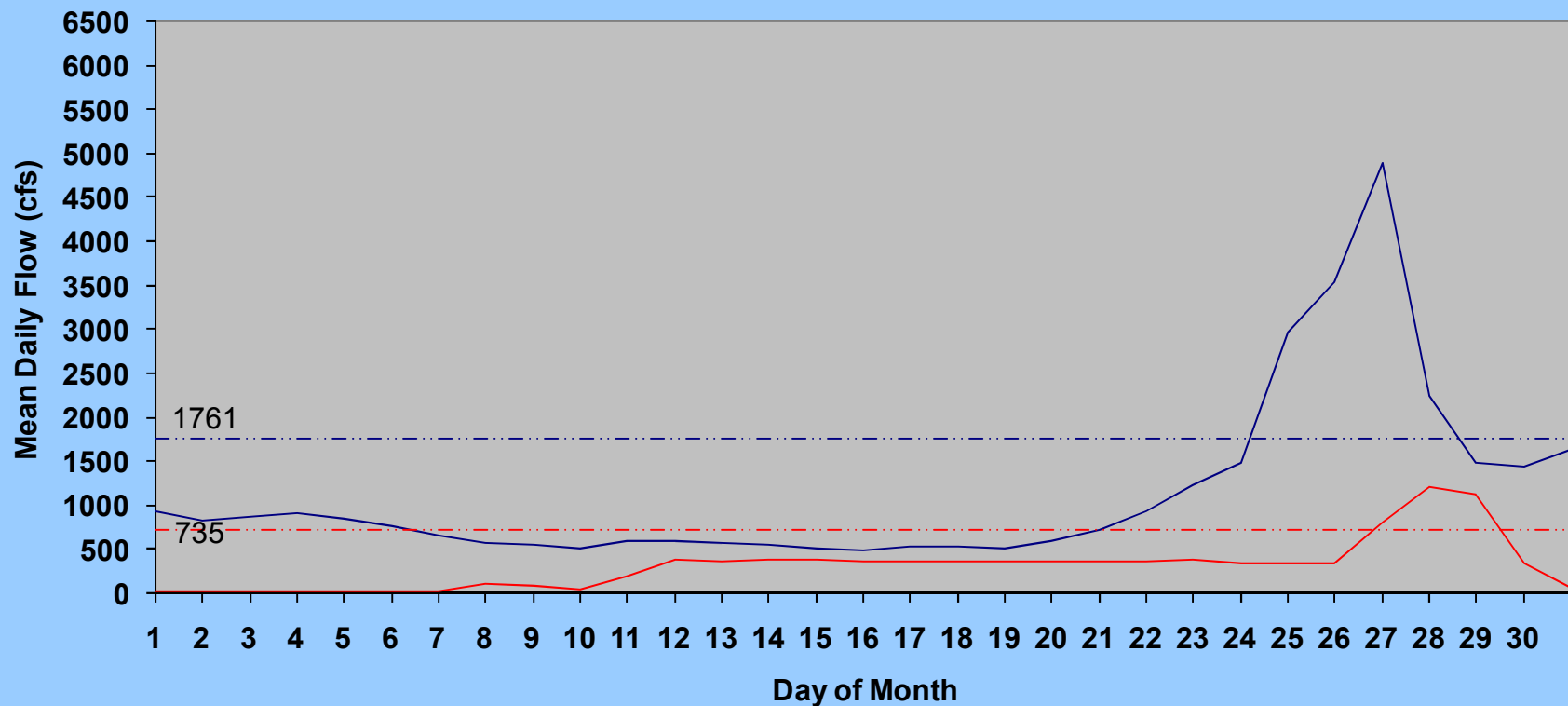
SOUTH PLATTE RIVER

MAY 2009



KERSEY and BALZAC

MAY 2009



— Kersey — Balzac - - - Kersey 1901-2007 Avg. - - - Balzac 1917-2007 Avg.

South Platte River Monthly Stream Flow (cfs) Statistics

South Platte River at Kersey

South Platte River at Julesburg

Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2009 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2009 Mean Monthly Flow
Nov	737	3650	1984	70	1934	649	Nov	344	2900	1984	4.2	1903	64
Dec	683	1890	1961	91	1934	707	Dec	405	1820	1984	13	2002	188
Jan	653	2160	1974	158	1935	706	Jan	514	2510	1970	21	2003	215
Feb	673	3060	1914	152	1935	642	Feb	589	3220	1930	29	2005	146
Mar	690	3470	1983	80	1935	521	Mar	531	12900	1910	15	1904	62
Apr	850	18100	1942	28	1955	1008	Apr	529	14400	1942	4.0	1904	281
May	1761	26100	1973	29	1955	1156	May	1020	18100	1973	12	1911	141
Jun	2314	31000	1921	52	1954		Jun	1433	30800	1921	2.0	1910	
Jul	661	12600	1983	44	1955		Jul	293	12600	1983	0.0	1903	
Aug	503	9690	1951	65	1934		Aug	180	8920	1968	0.0	1903	
Sep	514	14200	1938	62	1940		Sep	240	7130	1938	2.0	1902	
Oct	665	6180	1984	66	1954		Oct	304	3130	1984	4.2	1903	

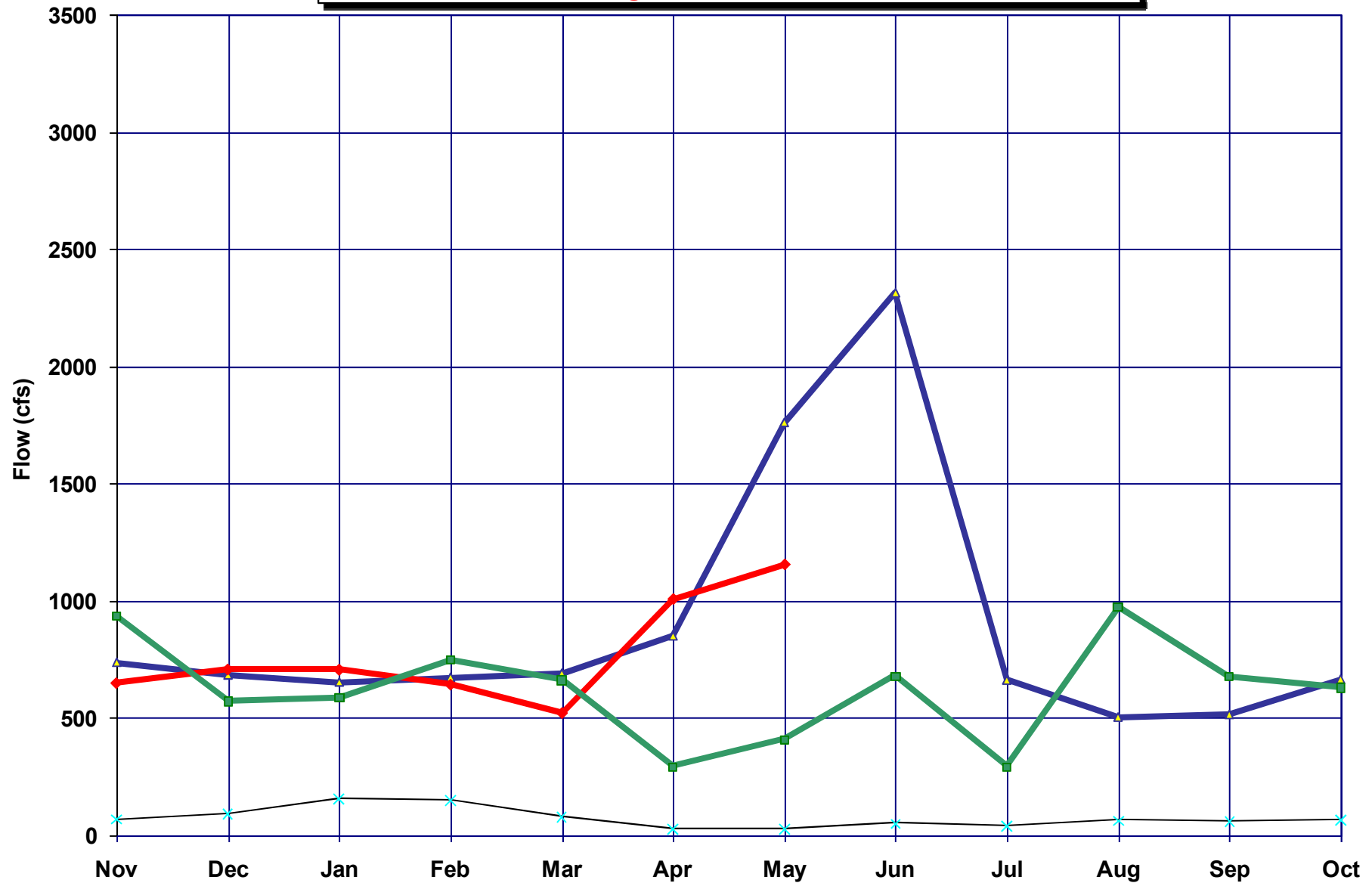
*Period of record 1901-2007

*Period of record 1902-2007

Below Gumlick Ditch
(Photo by Jana Ash)

South Platte River at Kersey

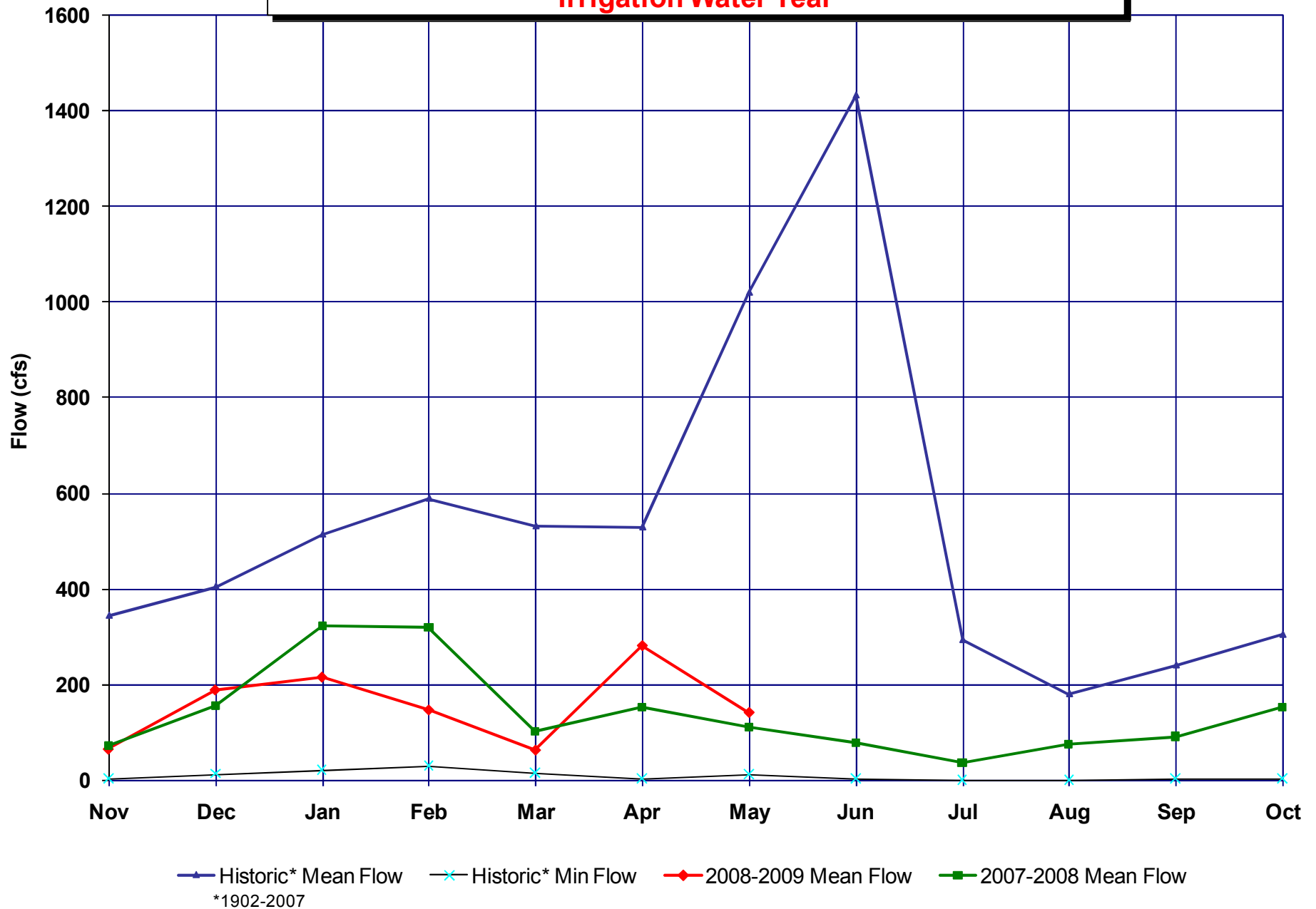
Irrigation Water Year



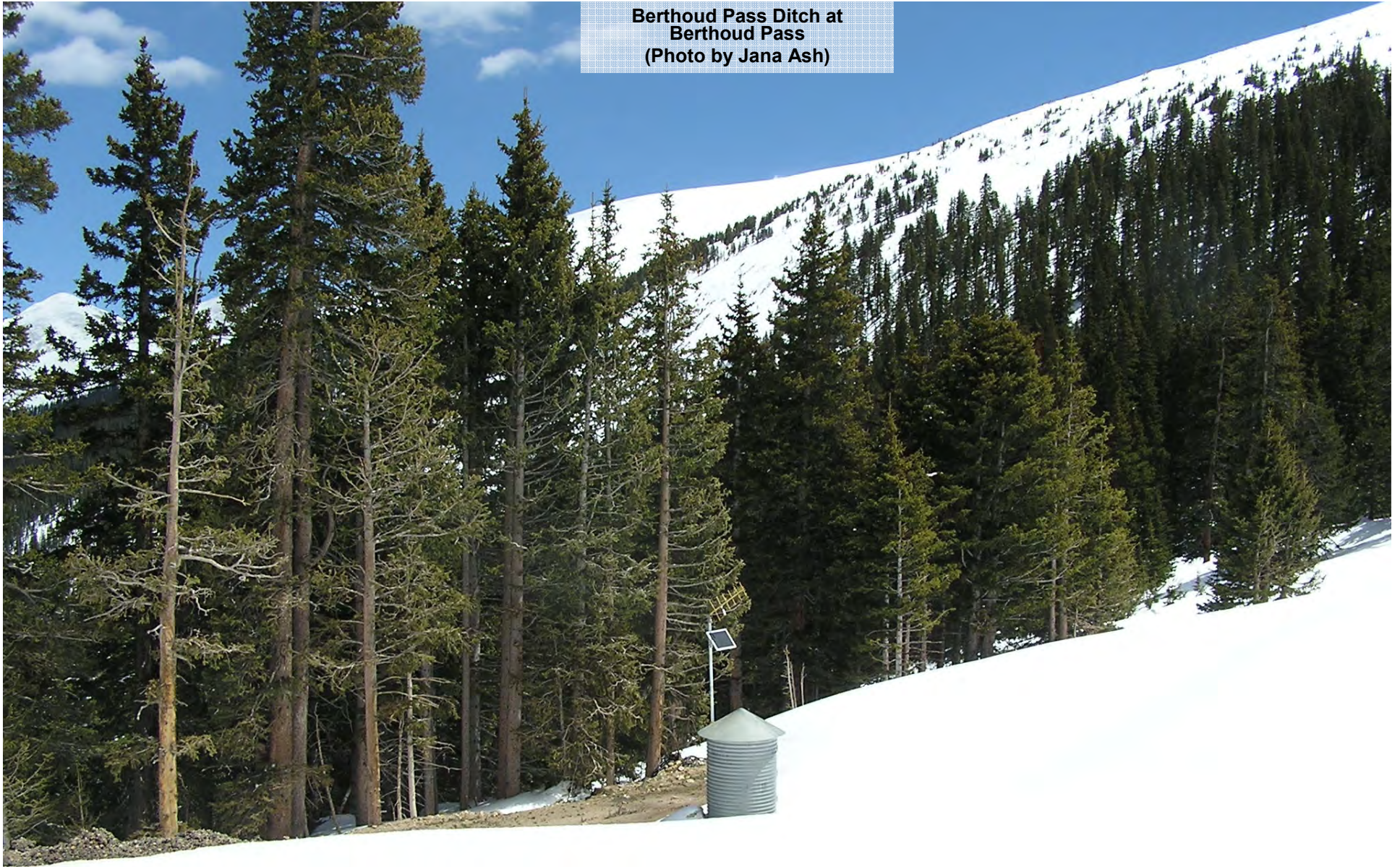
—▲— Historic* Mean Flow —×— Historic* Min Flow —◆— 2008-2009 Mean Flow —■— 2007-2008 Mean Flow
*1901-2007

South Platte River at Julesburg

Irrigation Water Year



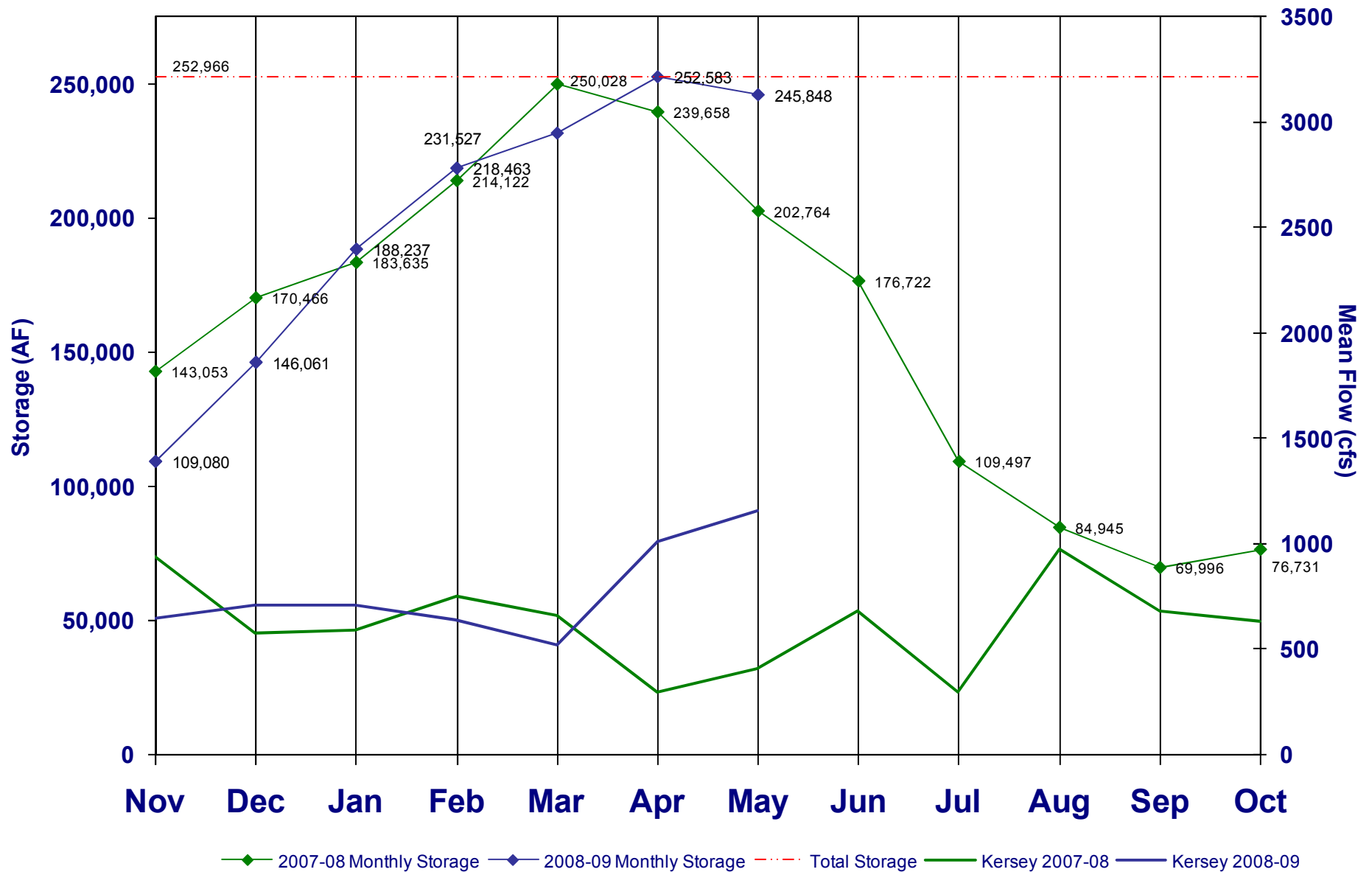
Berthoud Pass Ditch at
Berthoud Pass
(Photo by Jana Ash)



**Next four slides show Reservoir Storage below and
above Kersey**

Reservoir Storage below Kersey

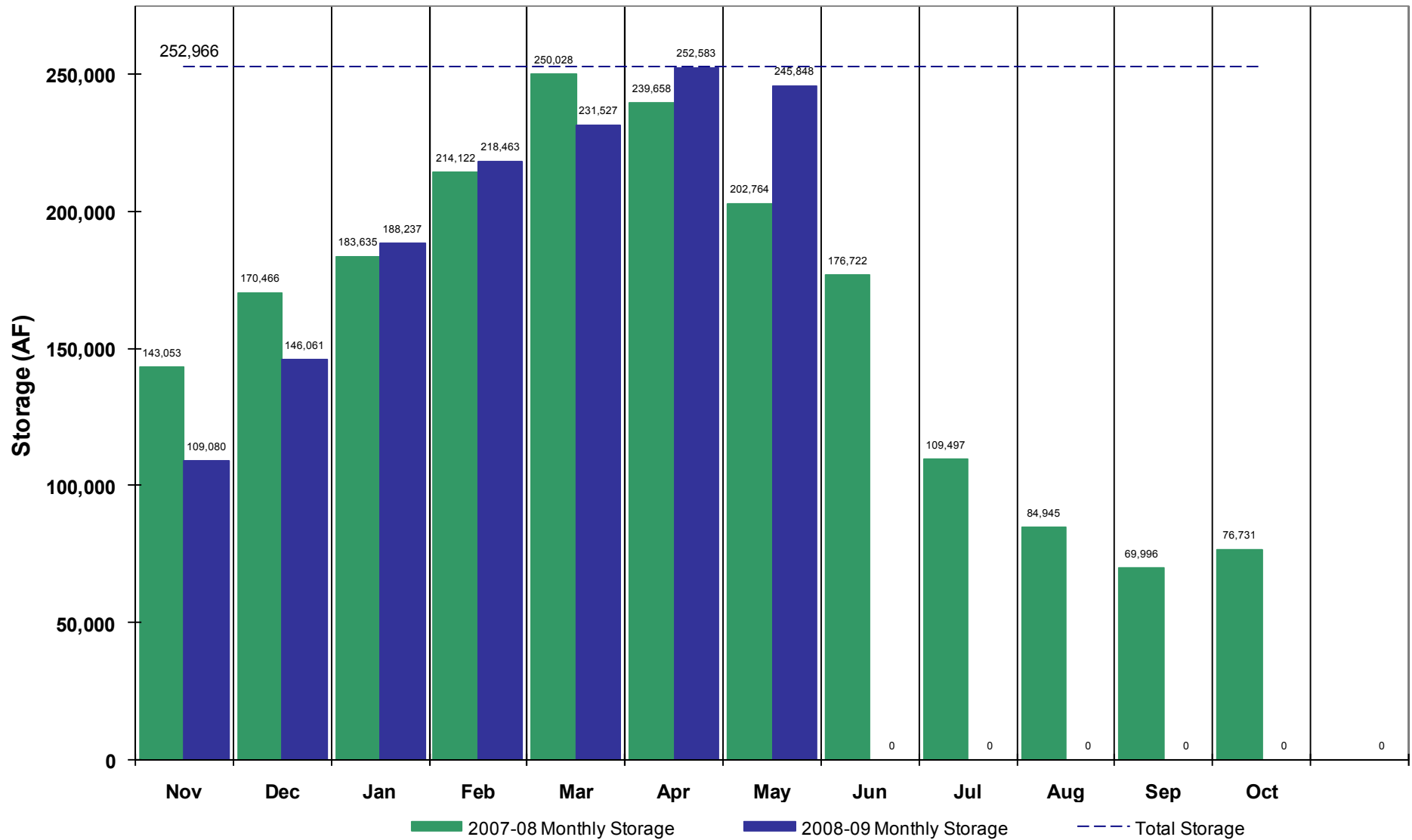
Selected Reservoirs*



*Empire, Riverside, Jackson, Prewitt, North Sterling, & Julesburg

South Platte Reservoirs

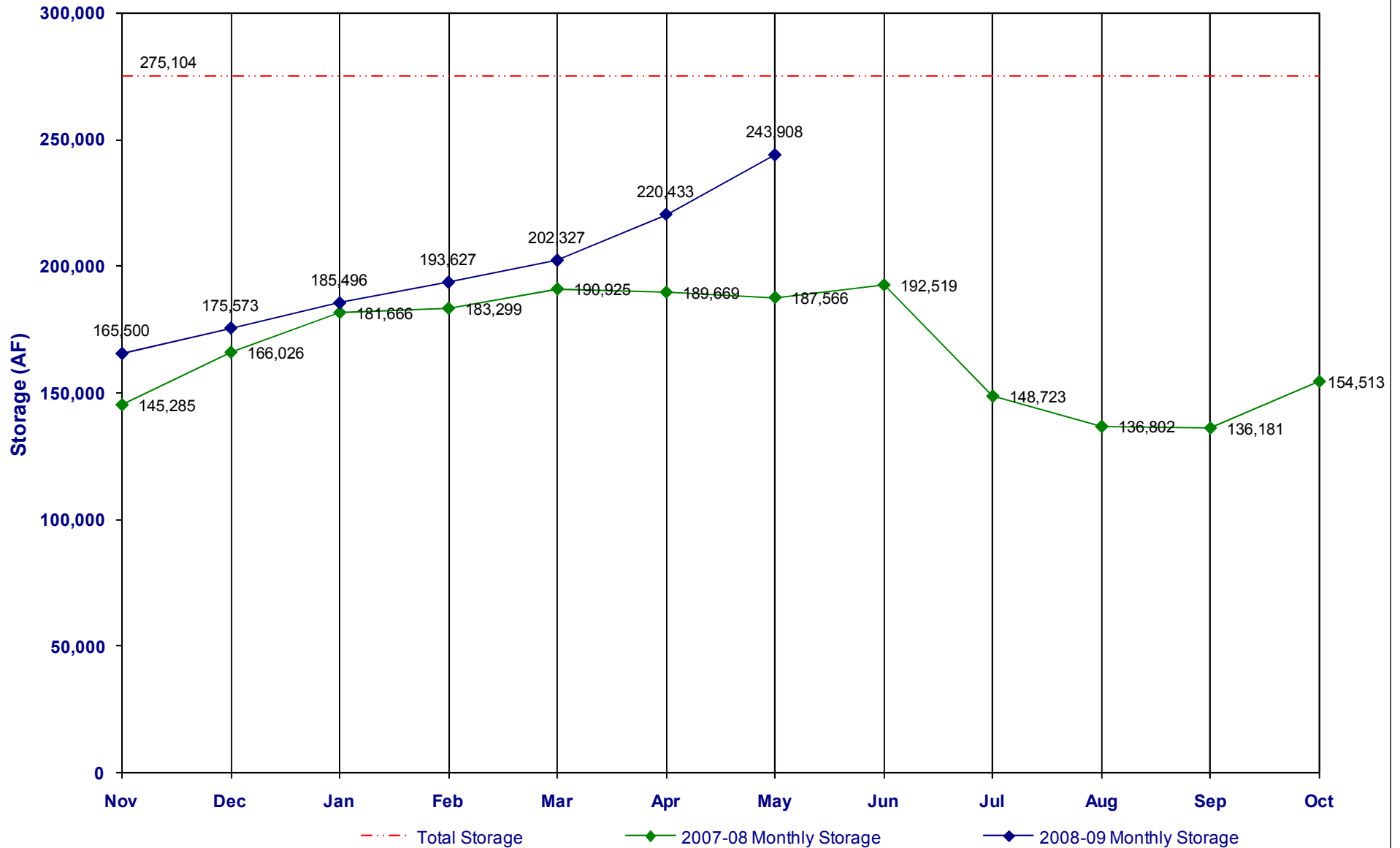
Storage below Kersey*



*Empire, Riverside, Jackson, Prewitt, North Sterling, & Julesburg

Reservoir Storage above Kersey

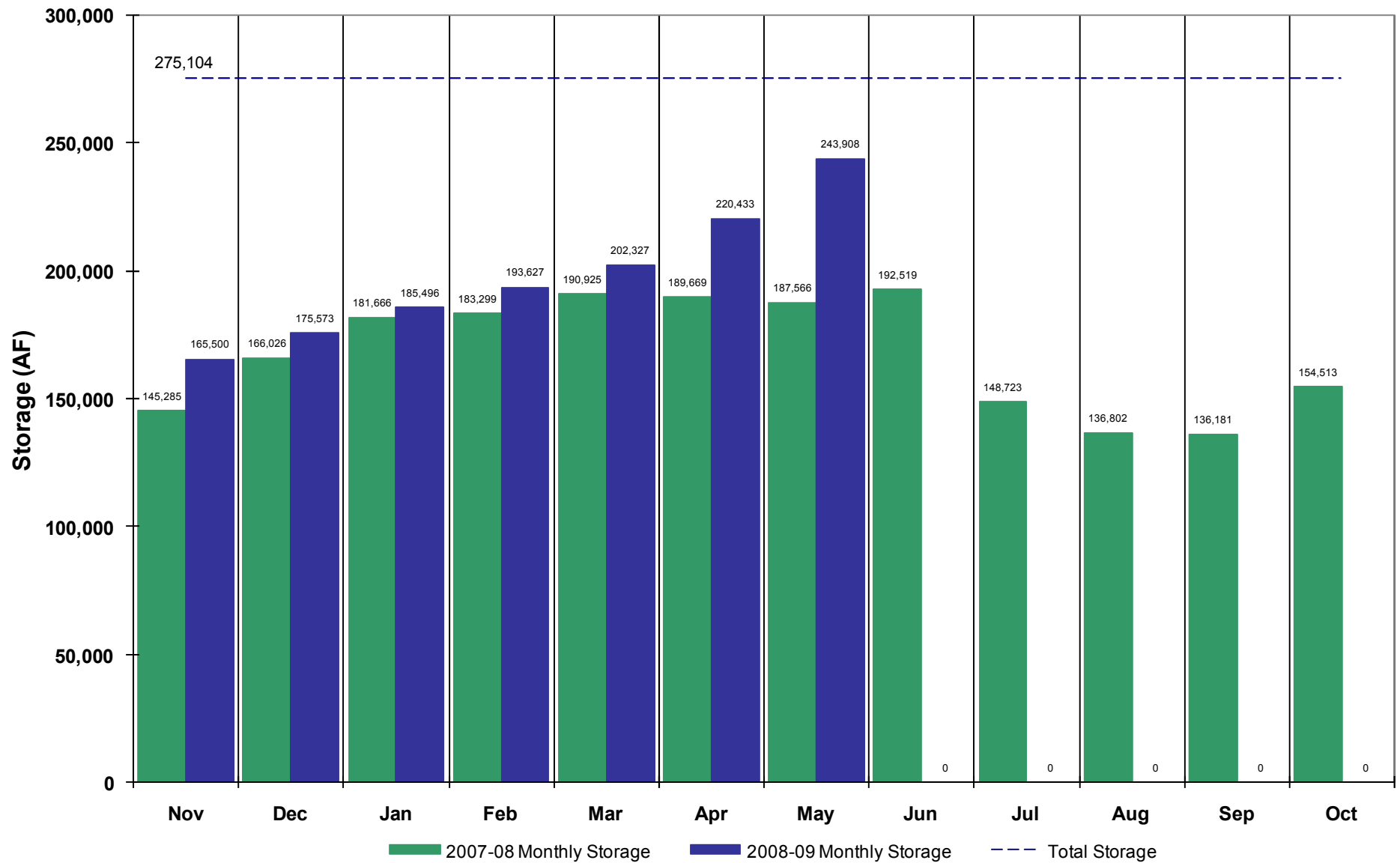
Selected Reservoirs*



*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect

South Platte Reservoirs

Storage above Kersey*



*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect

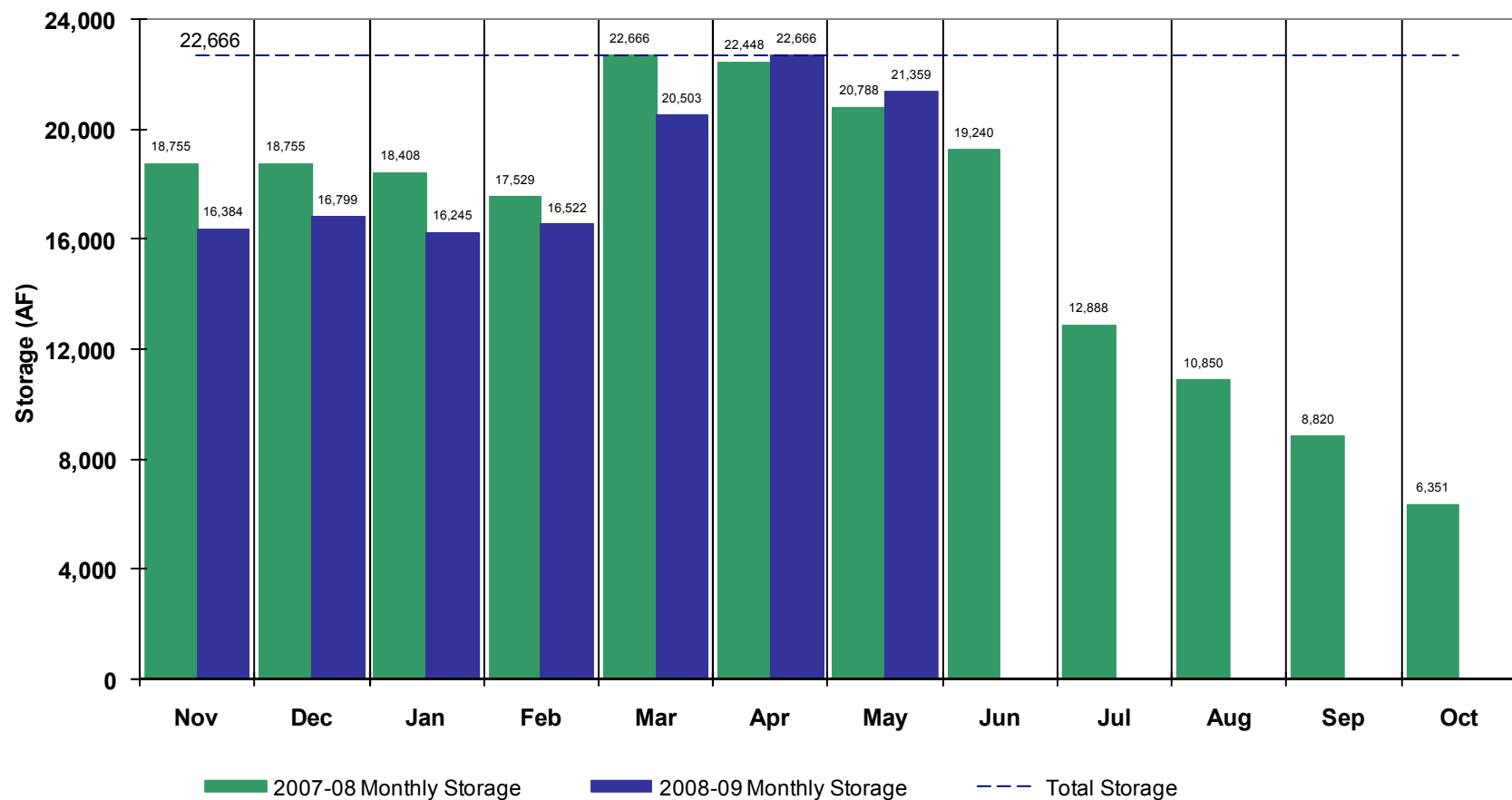


Individual Reservoir Storage Follows

Guanella Reservoir, Empire, CO
(Photo by Jana Ash)

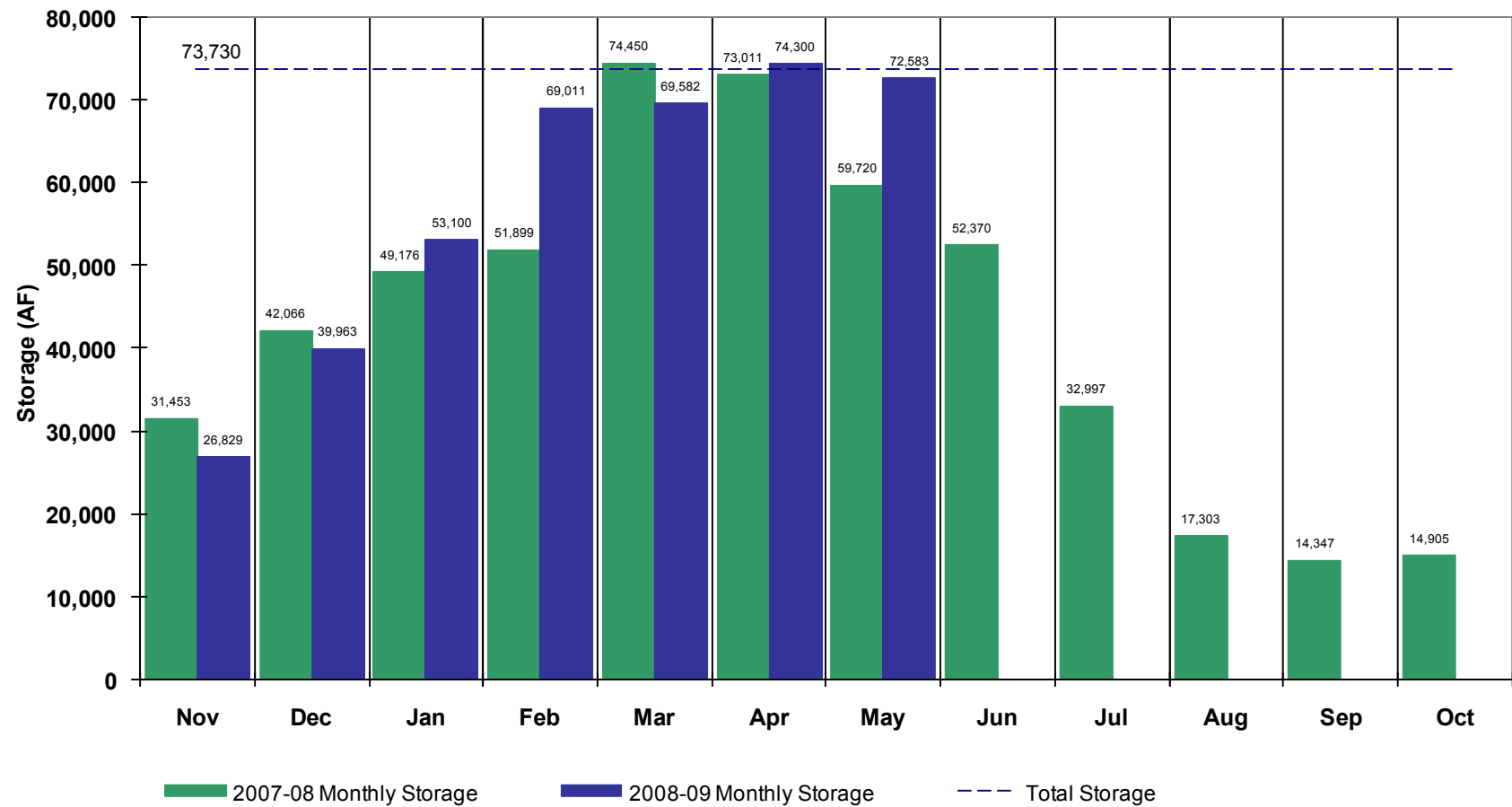
Julesburg Reservoir

(District 64 - Agricultural)



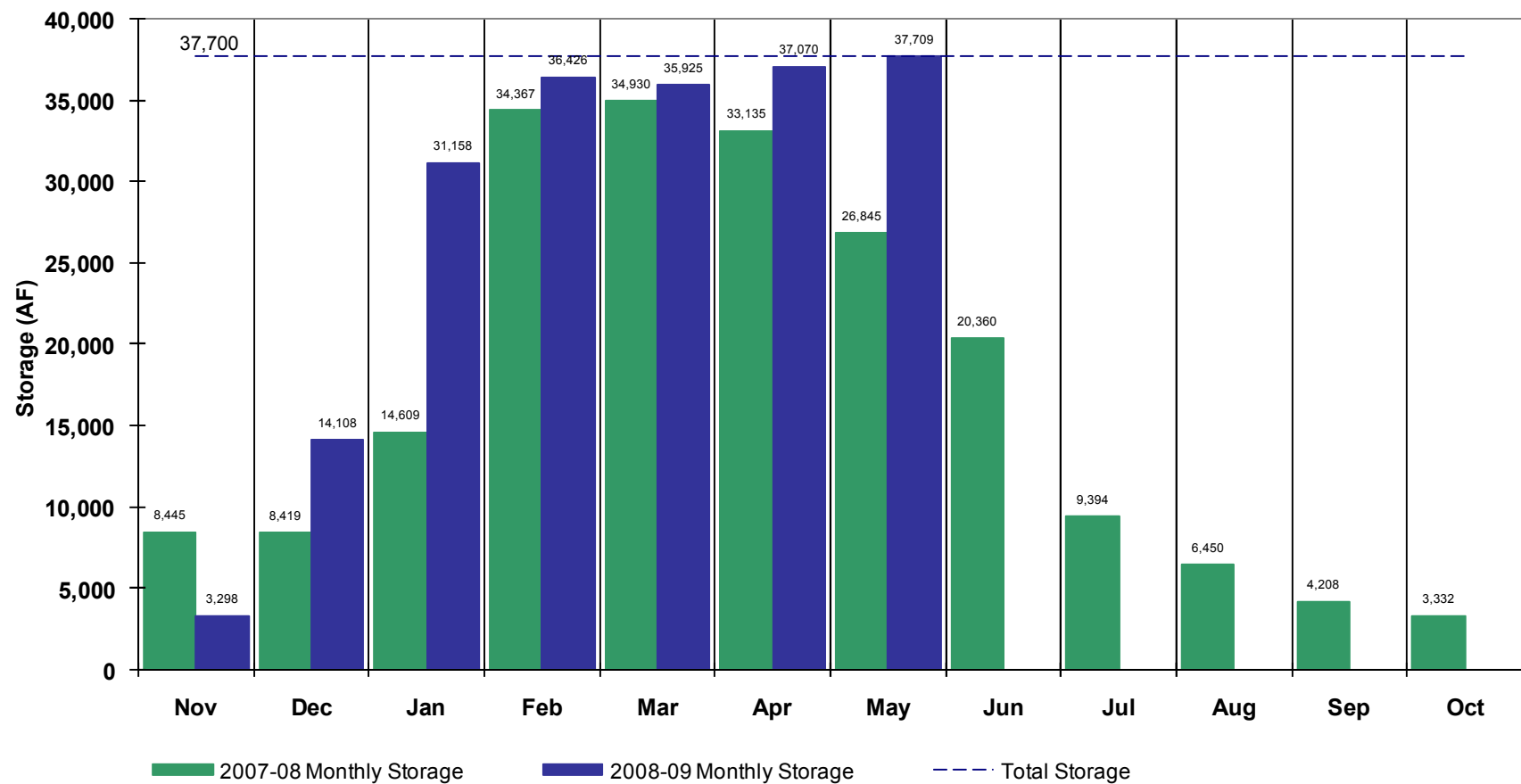
North Sterling Reservoir

(District 64- Agricultural)



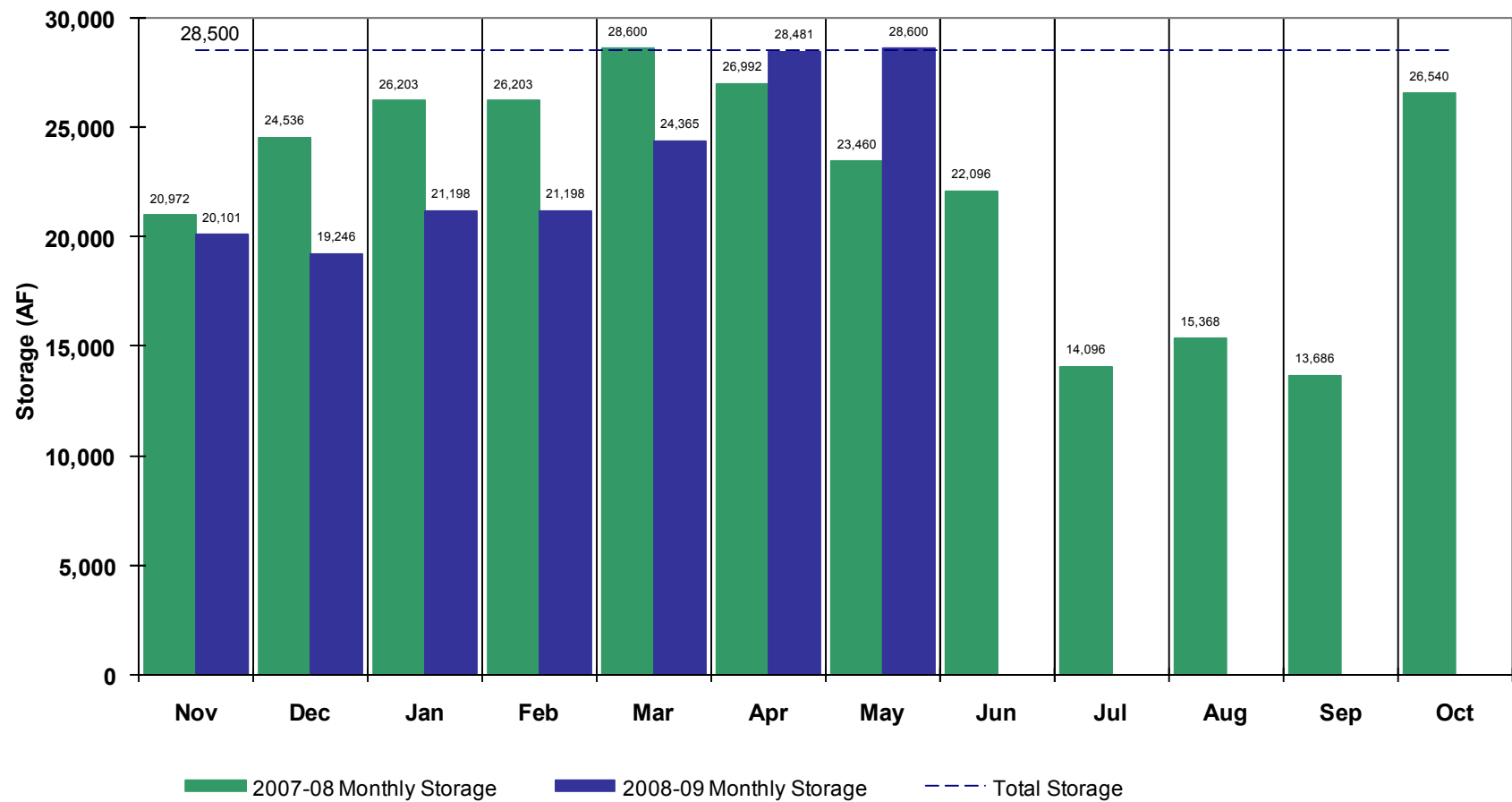
Empire Reservoir

(District 1- Agricultural)



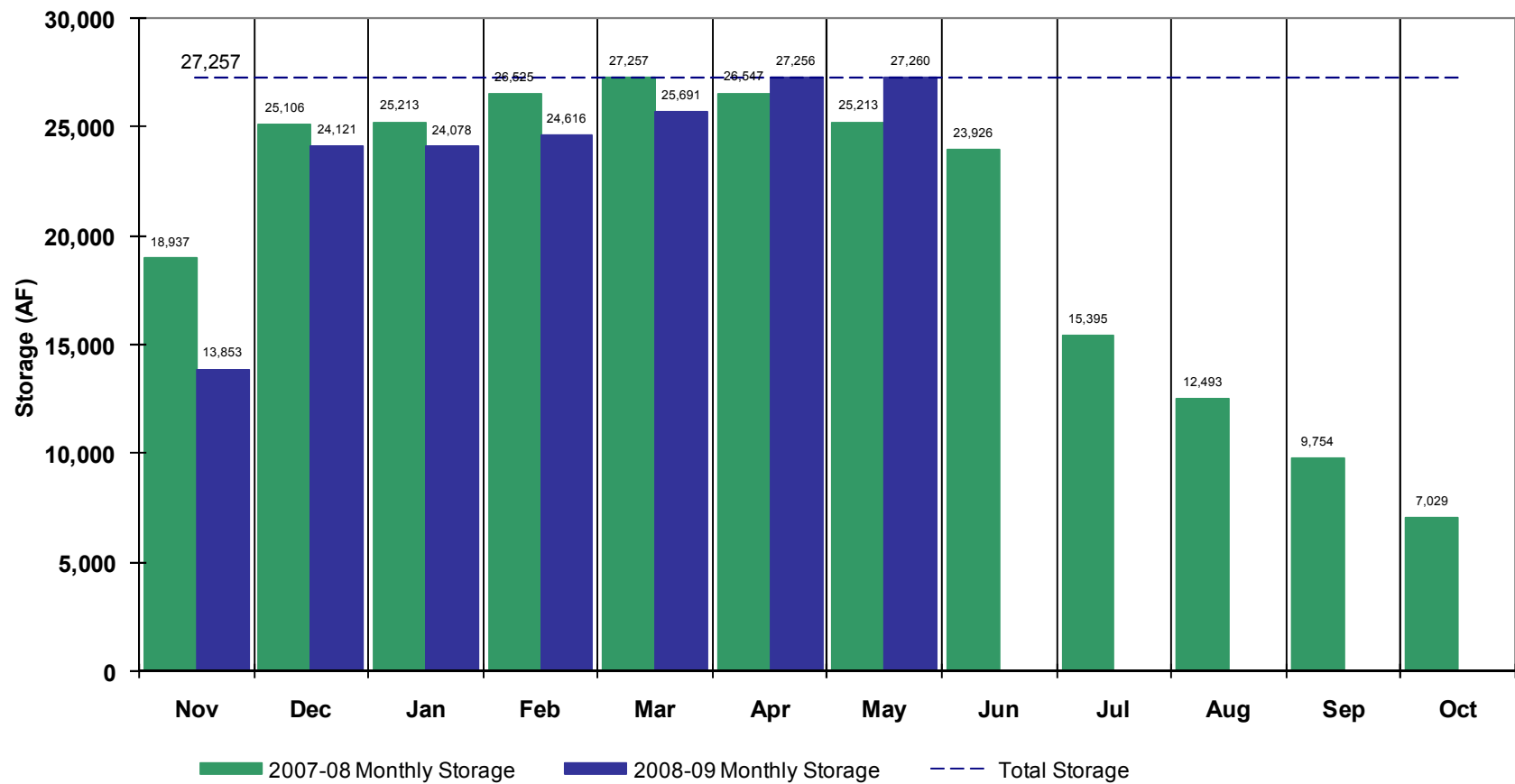
Prewitt Reservoir

(District 64- Agricultural)



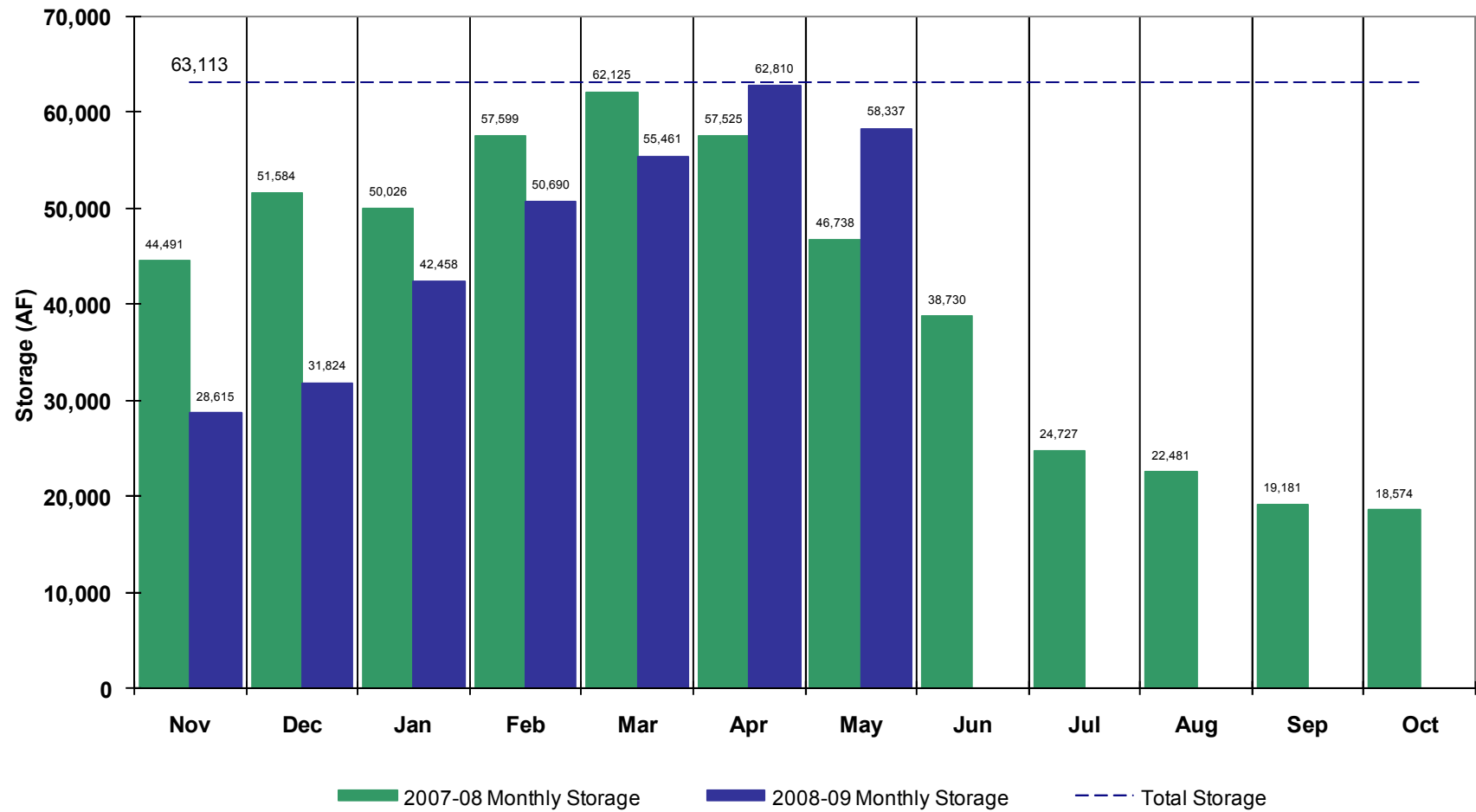
Jackson Reservoir

(District 1- Agricultural)



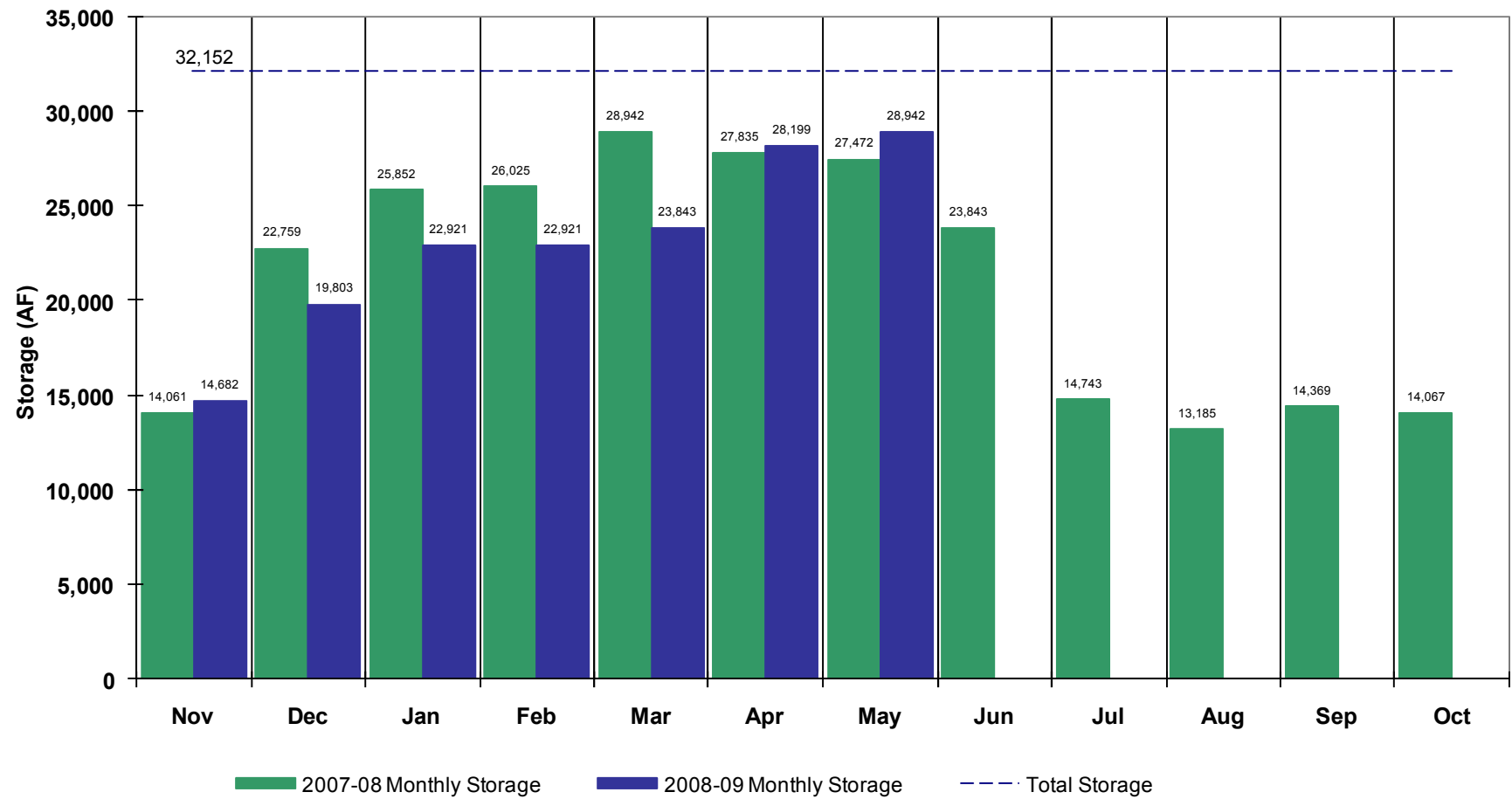
Riverside Reservoir

(District 1 - Agricultural)



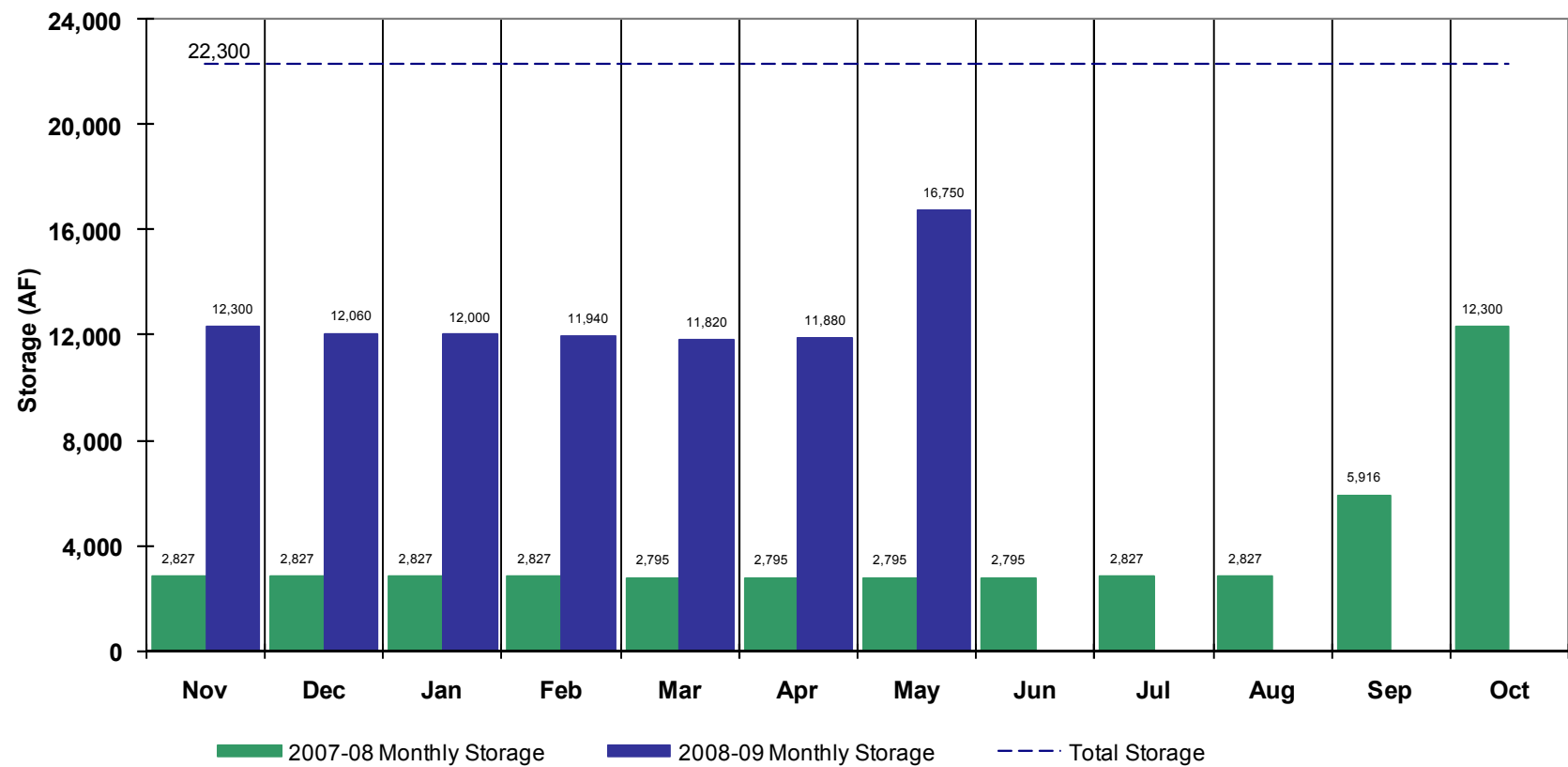
Barr Lake

(District 2 - Agricultural)



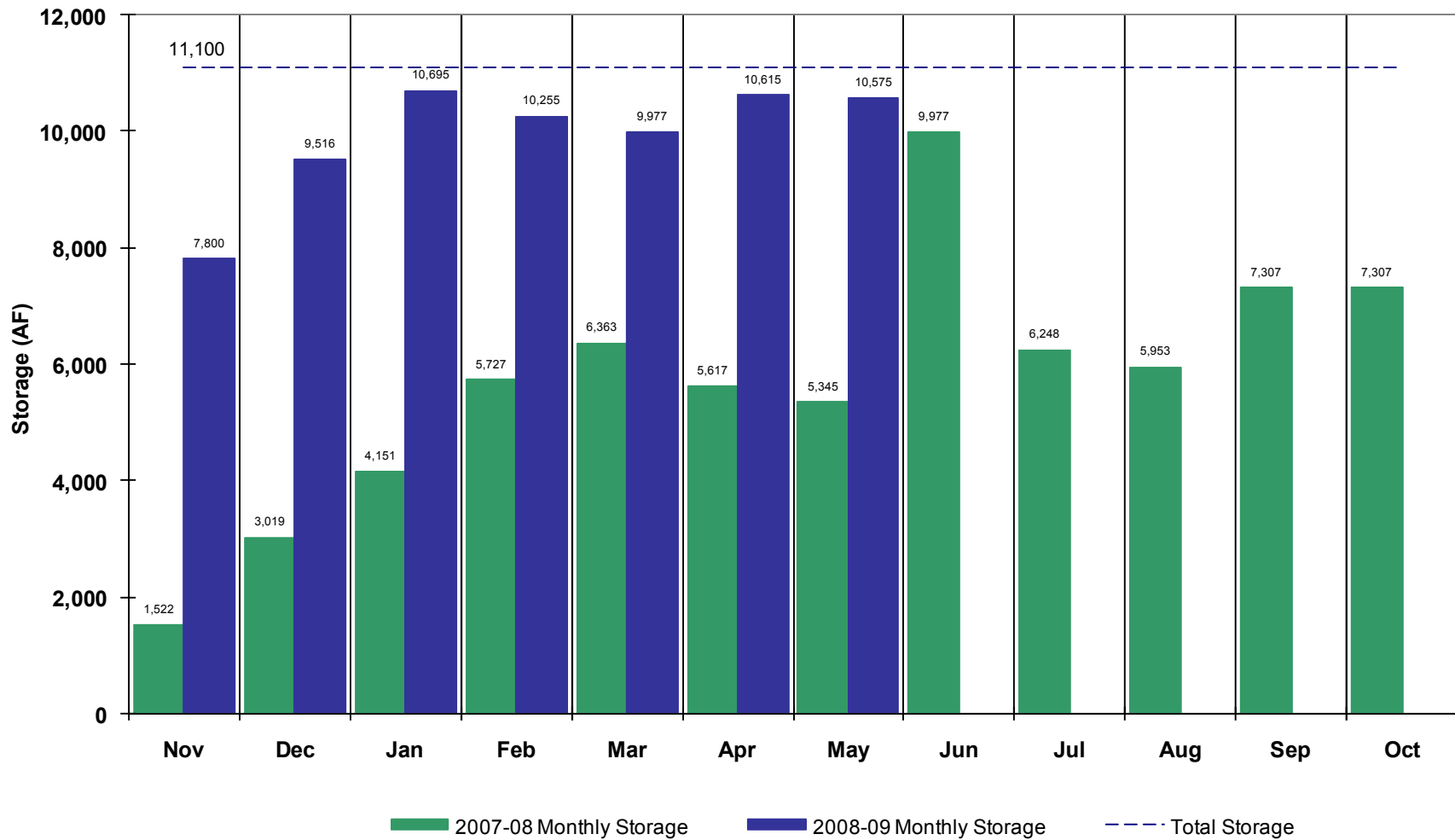
Cobb Lake

(District 3, Poudre River - Agricultural)



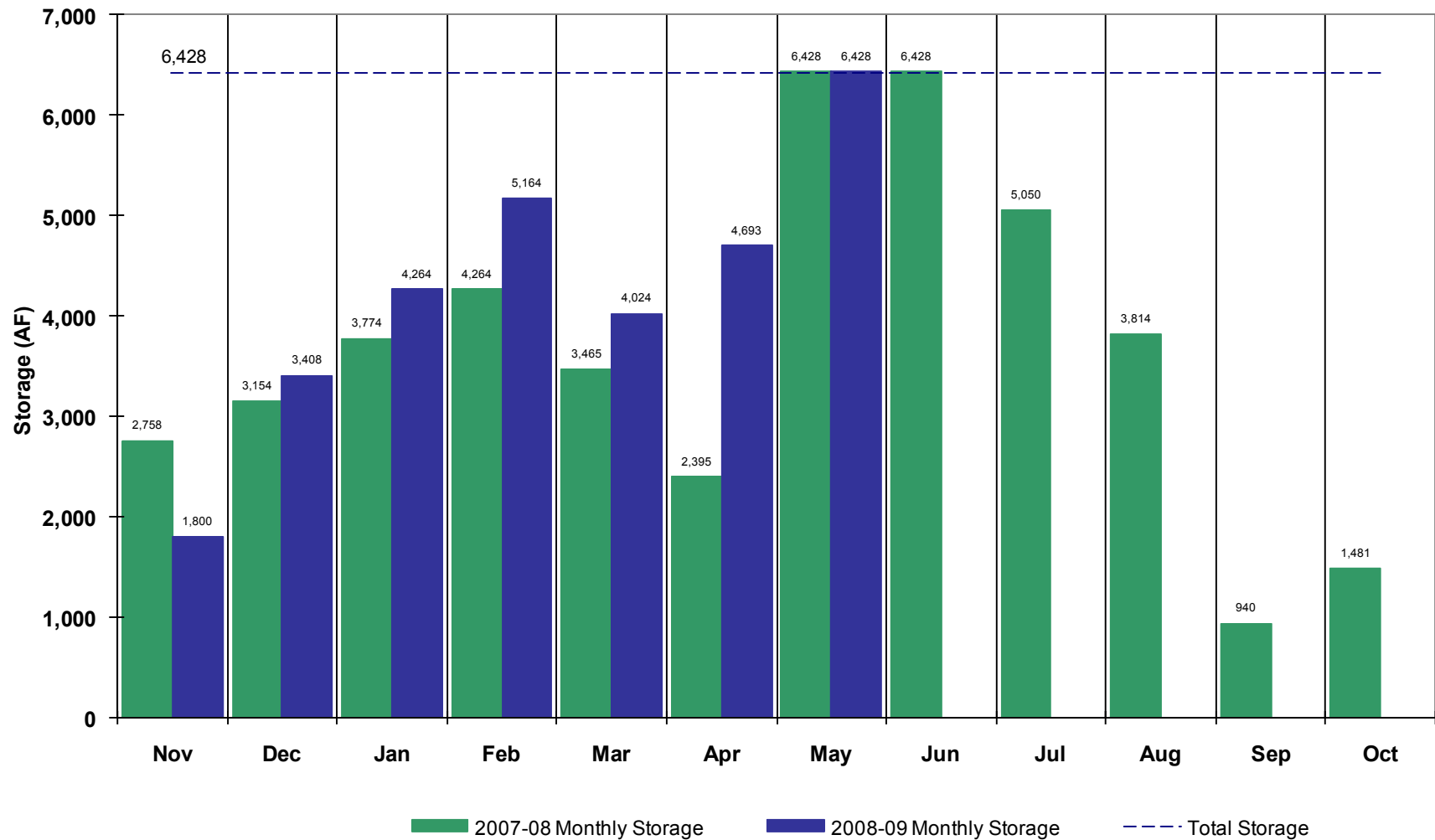
Fossil Creek Reservoir

(District 3, Poudre River - Agricultural)



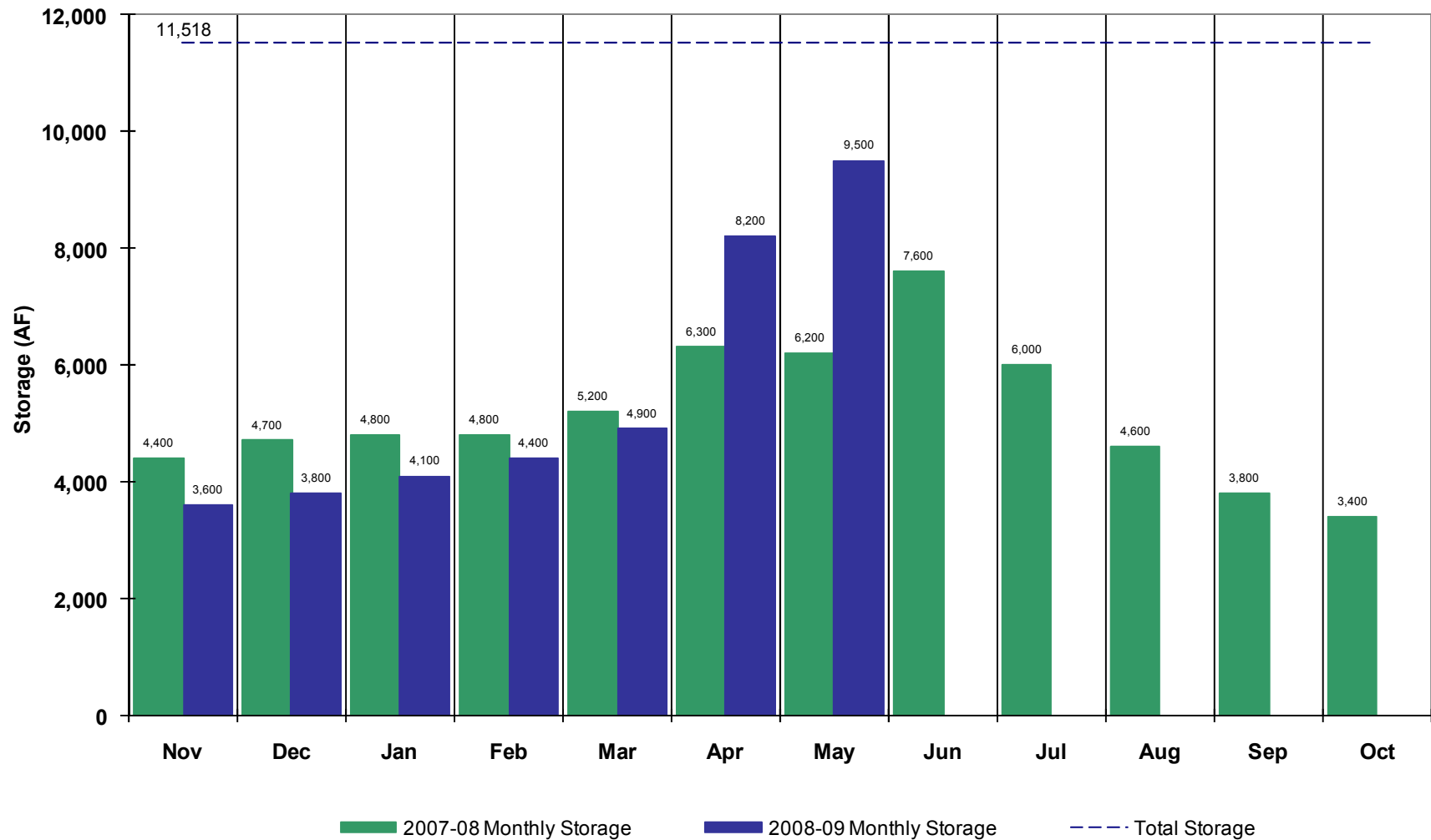
Halligan Reservoir

(District 3, Poudre River - Agricultural)



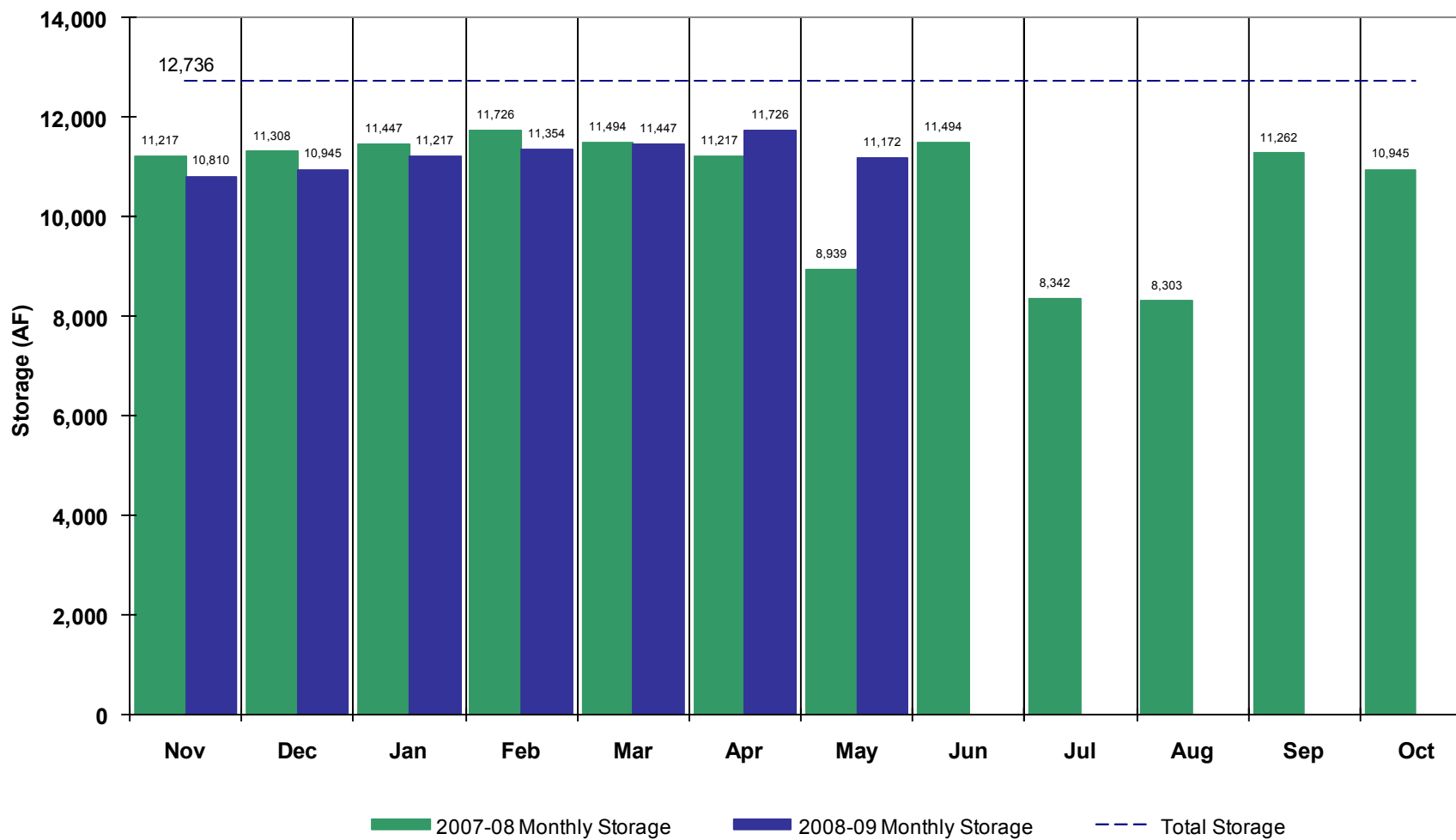
Marshall Lake

(District 6, Boulder Creek - Agricultural)



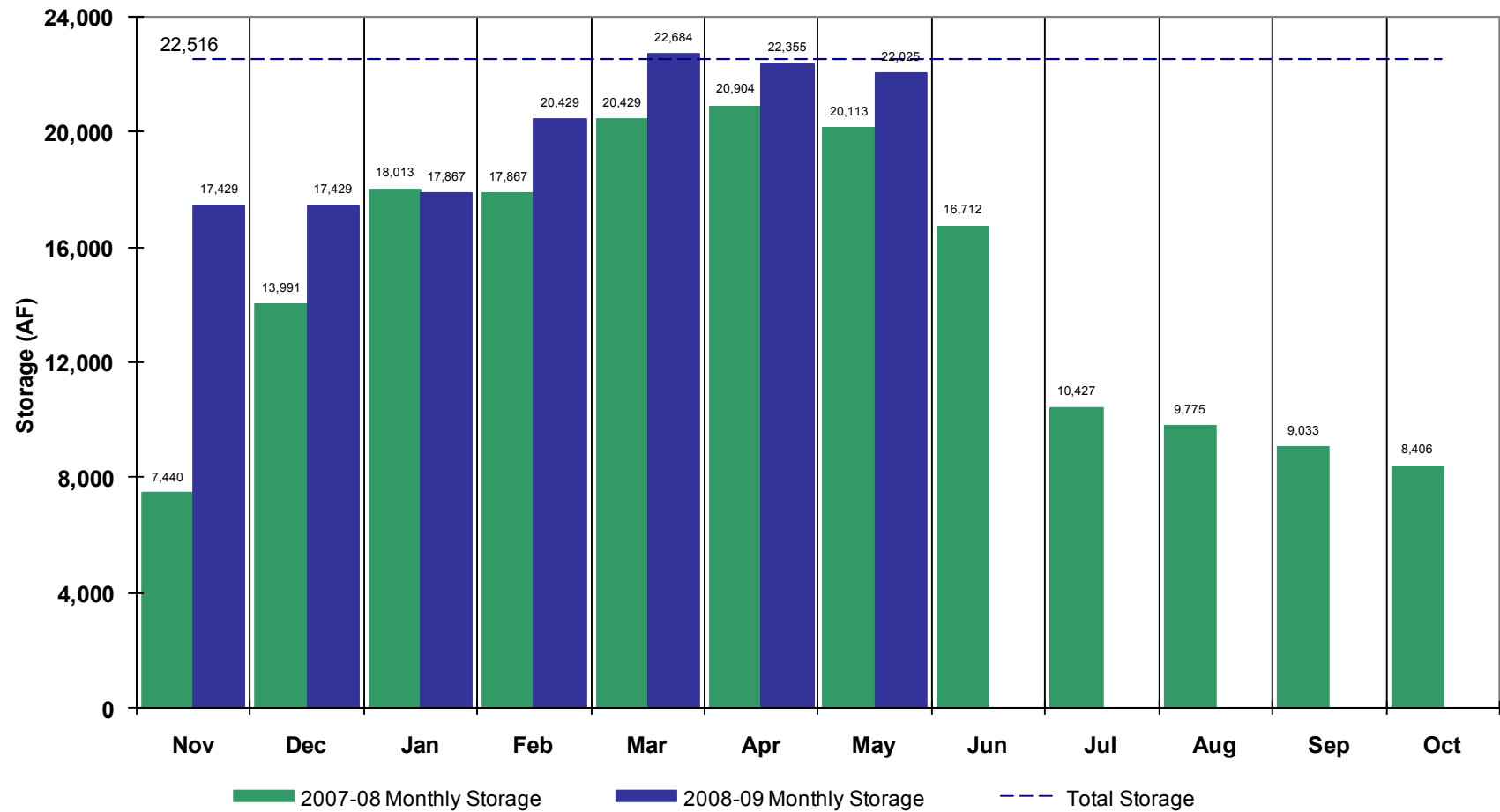
Loveland Greeley Reservoir

(District 4, Big Thompson River - Agricultural)



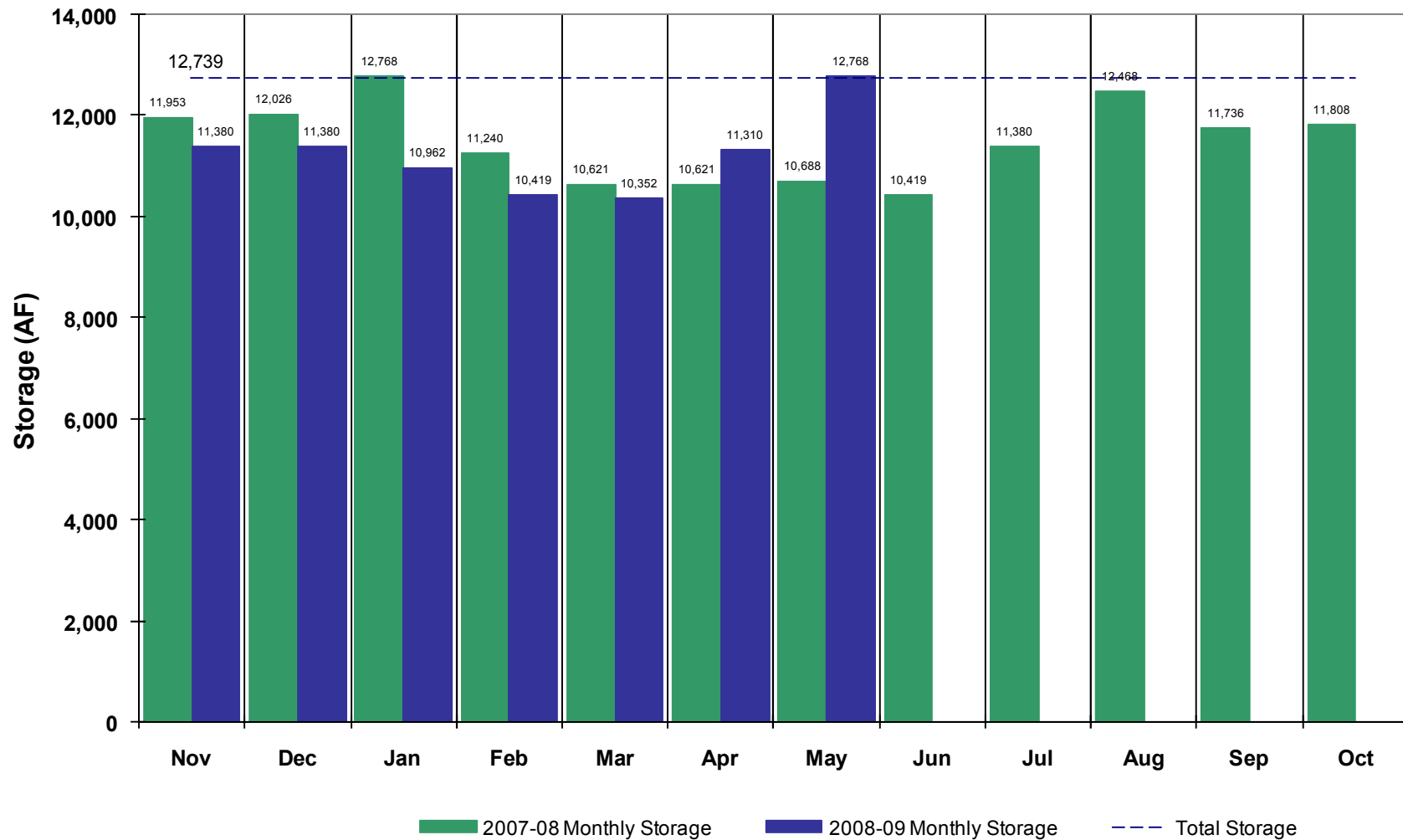
Milton Reservoir

(District 2 - Agricultural)



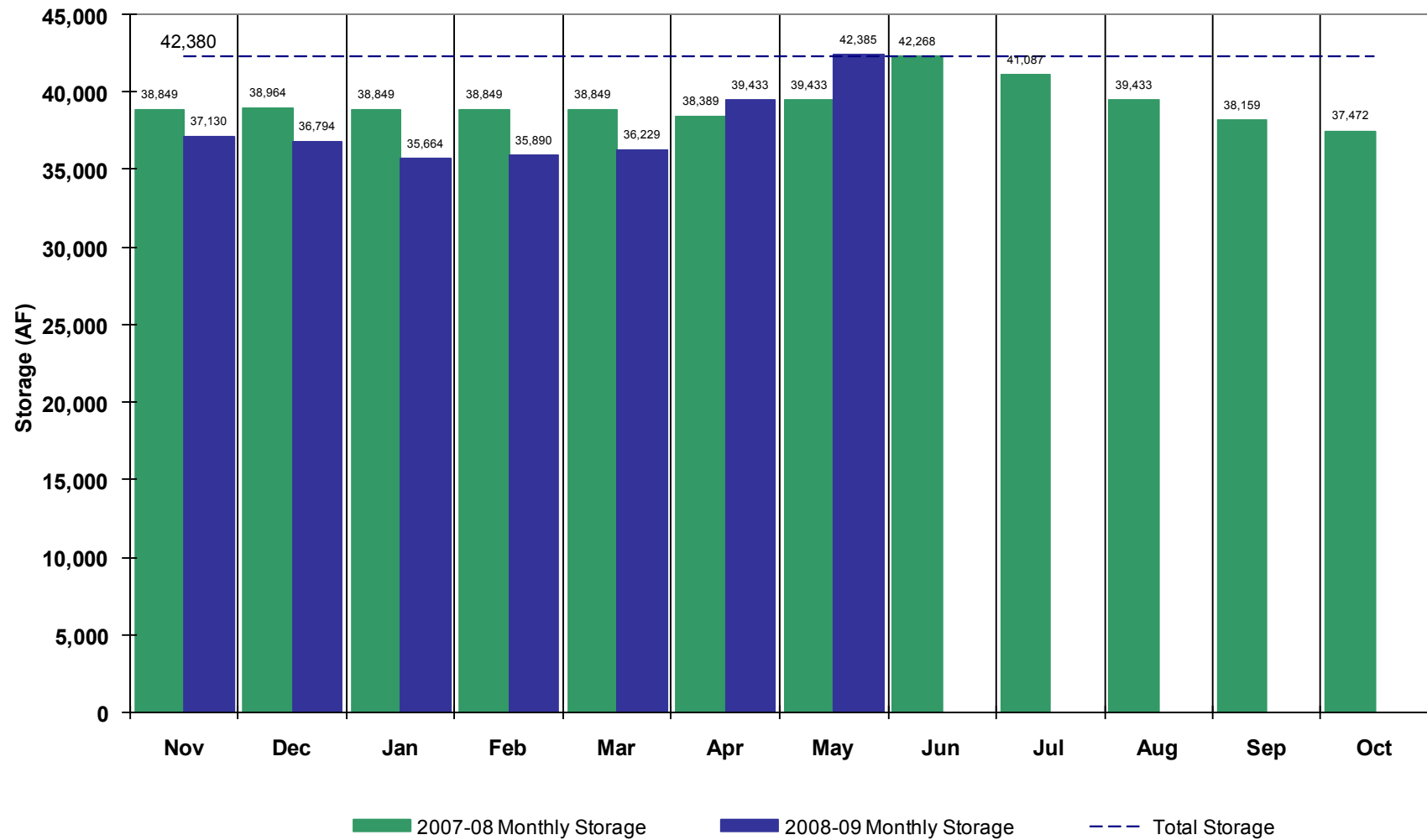
Union Reservoir

(District 5, St. Vrain Creek - Agricultural)



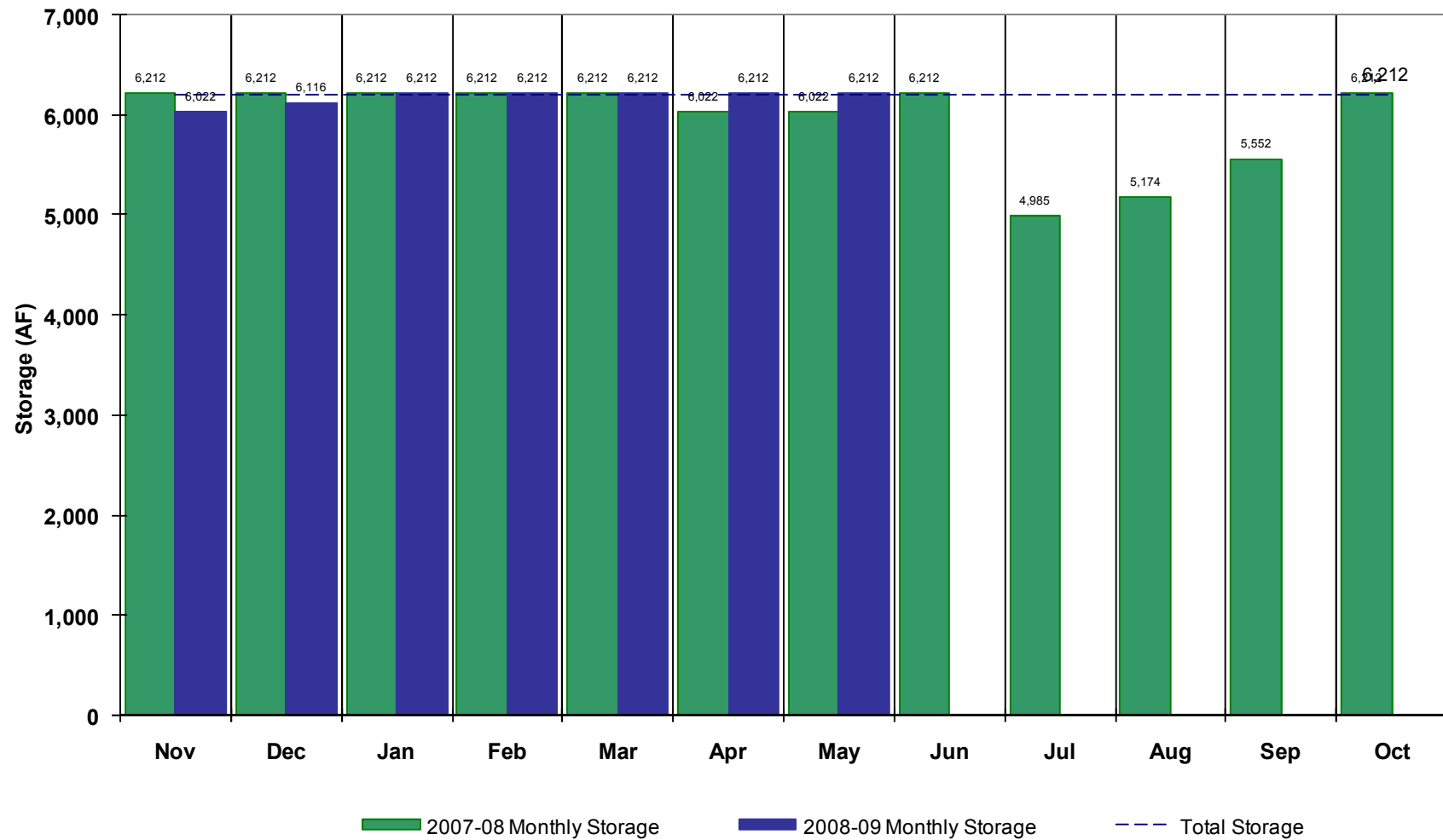
Standley Lake

(Agricultural)



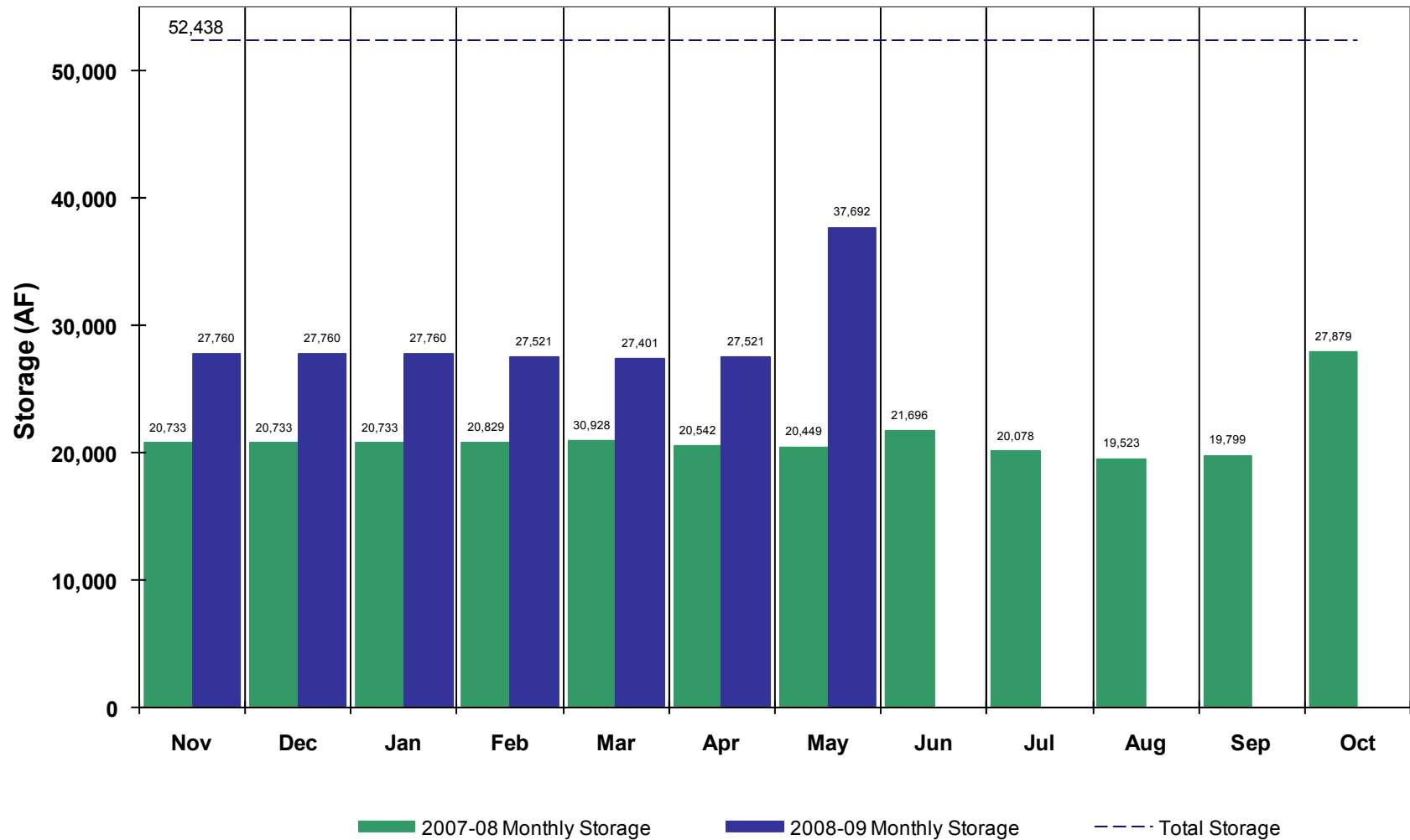
Lower Latham Reservoir

(District 2 - Agricultural)



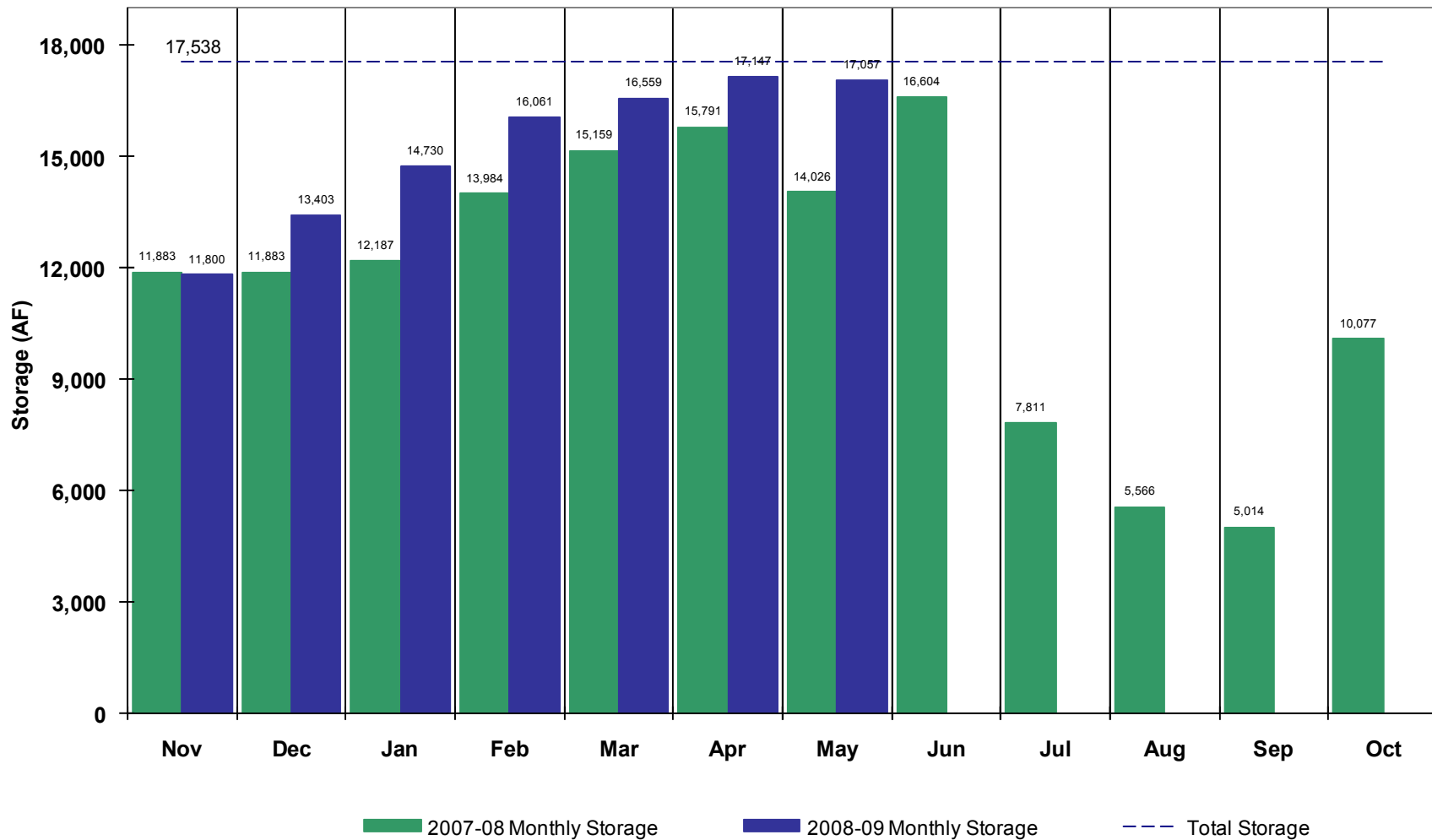
Boyd Lake

(District 4, Big Thompson River - Agricultural)



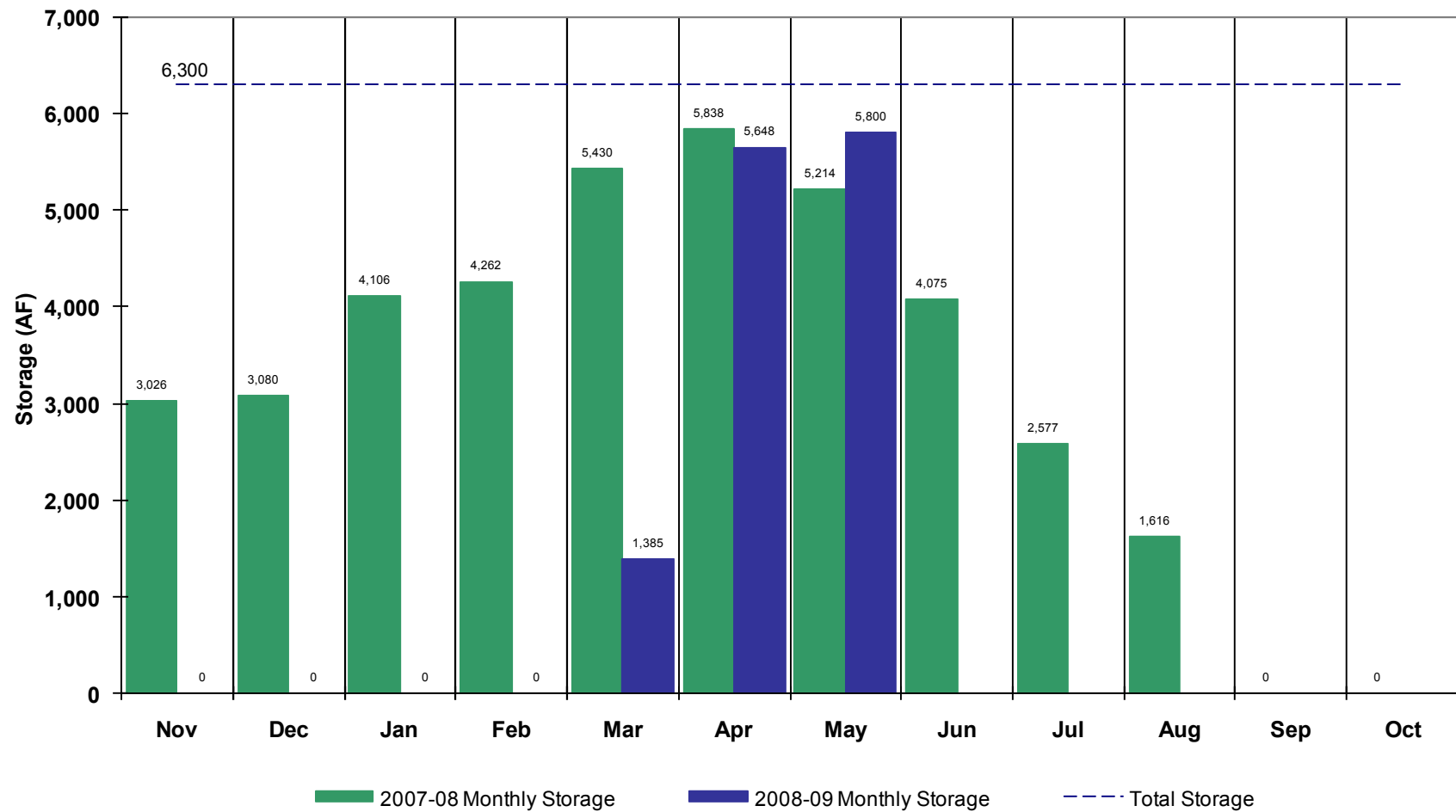
Windsor Reservoir

(District 3, Poudre River - Agricultural)



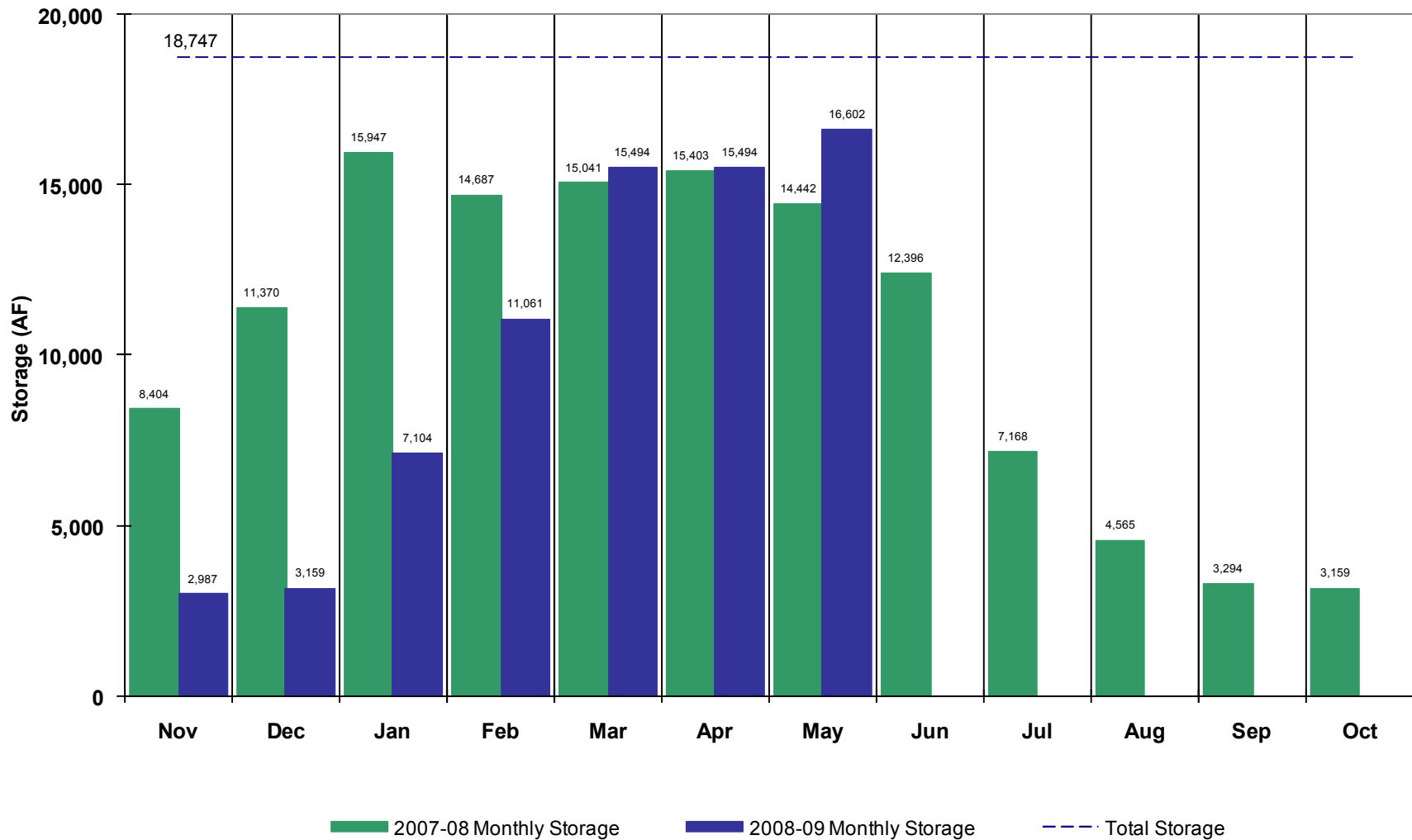
Prospect Reservoir

(District 1- Agricultural)



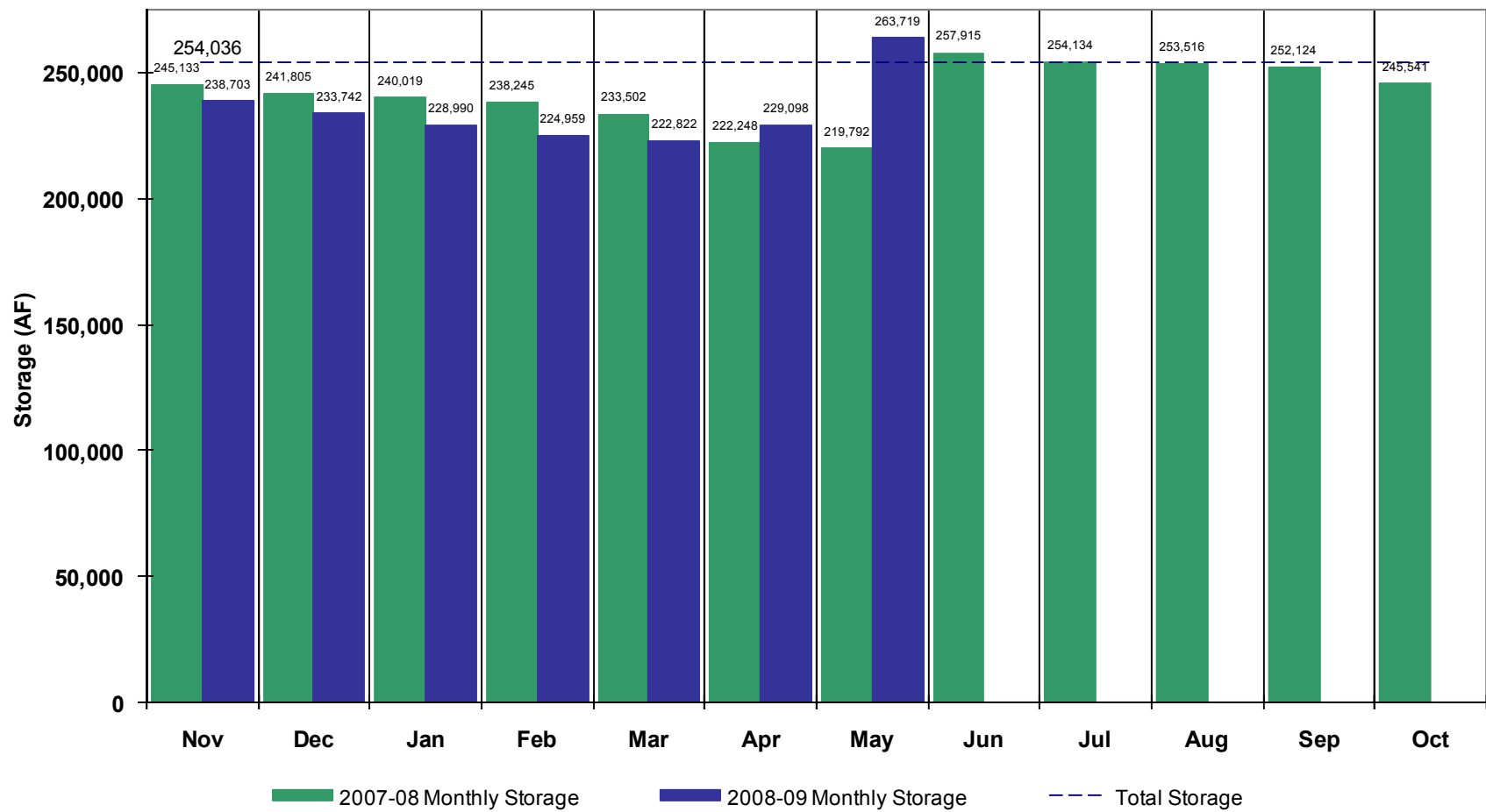
Horse Creek Reservoir

(District 1 - Agricultural)



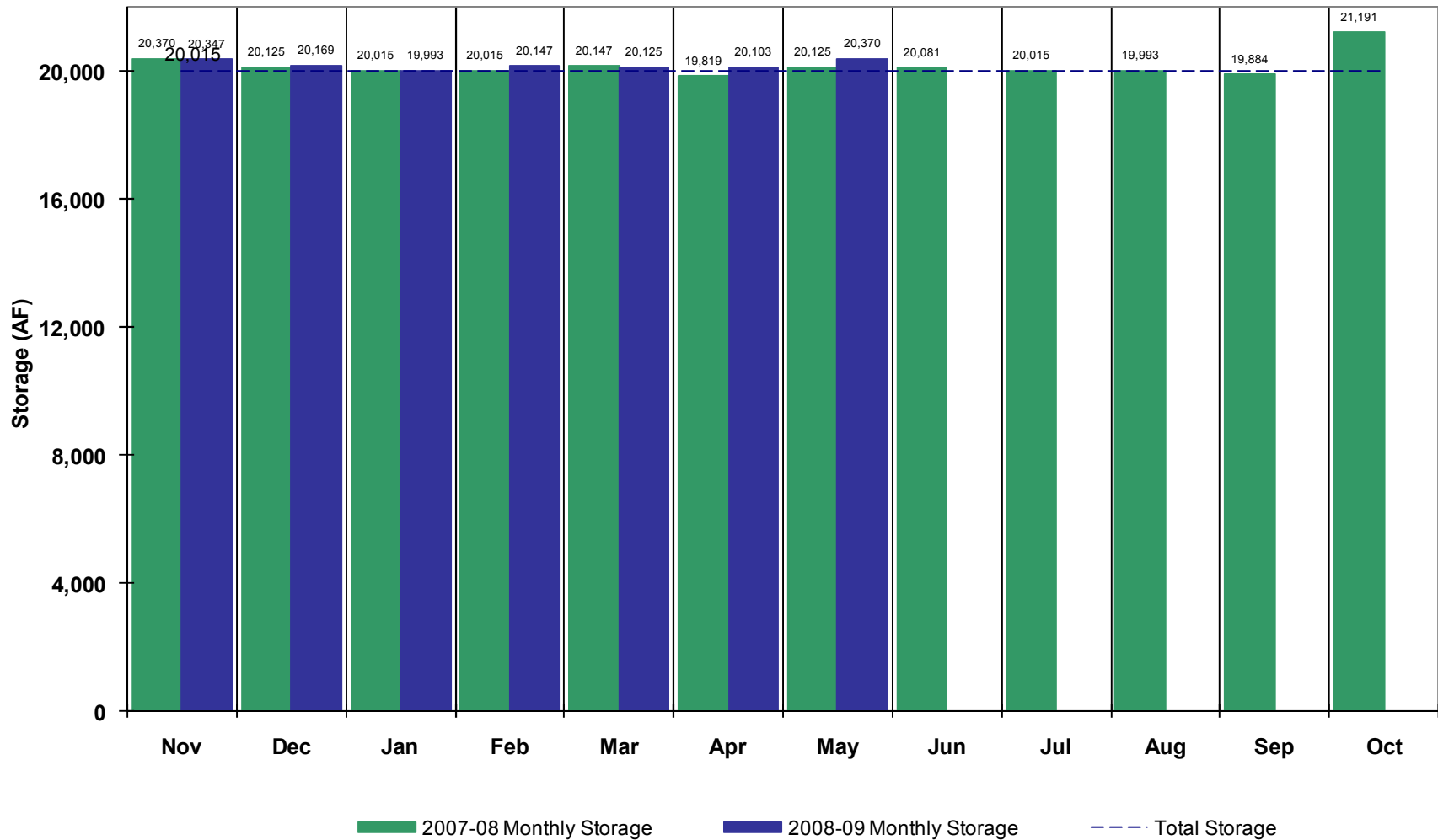
Dillon Reservoir

(Municipal)



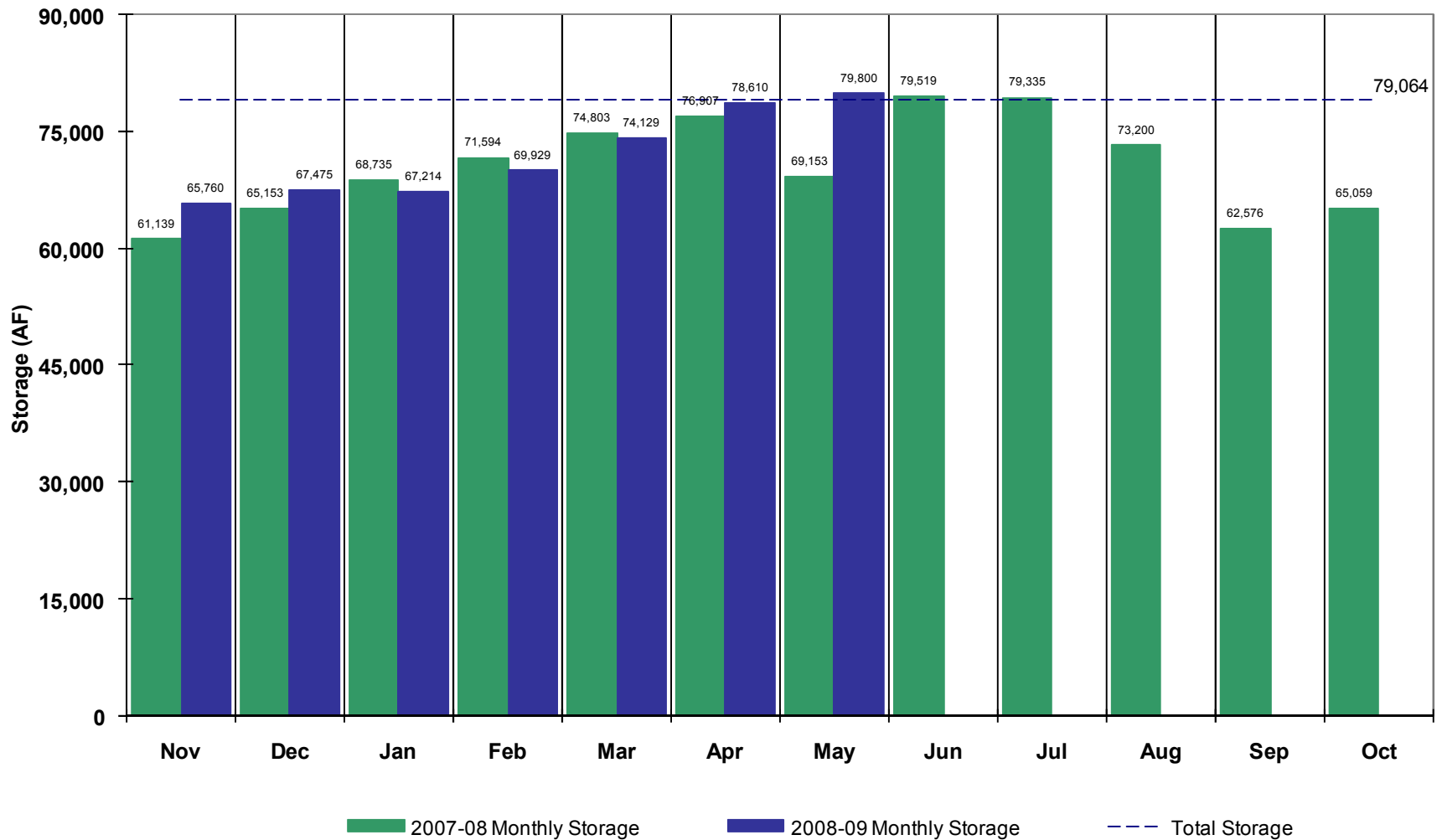
Antero Reservoir

(District 23 - Municipal)



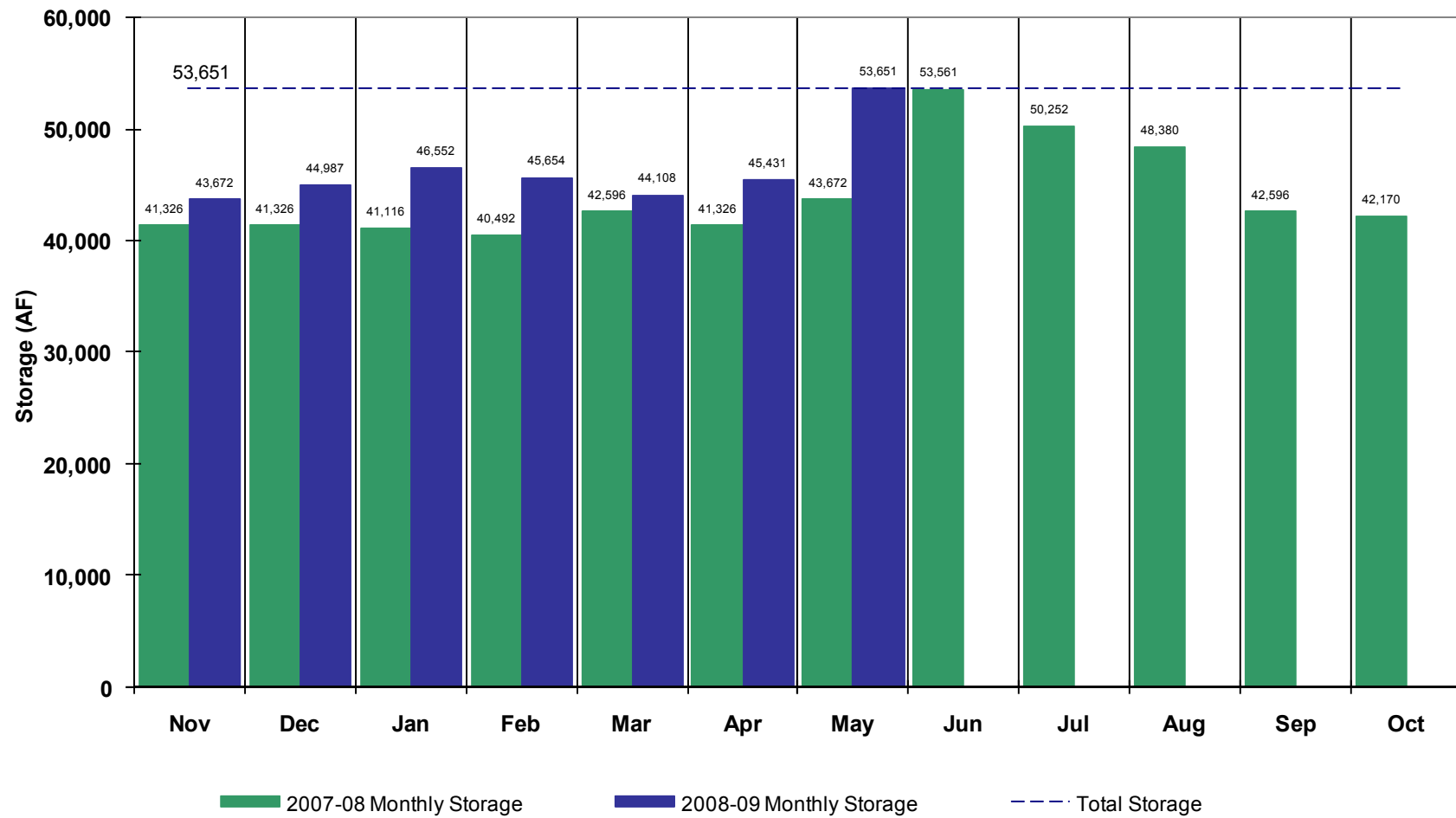
Cheesman Reservoir

(District 80 - Municipal)



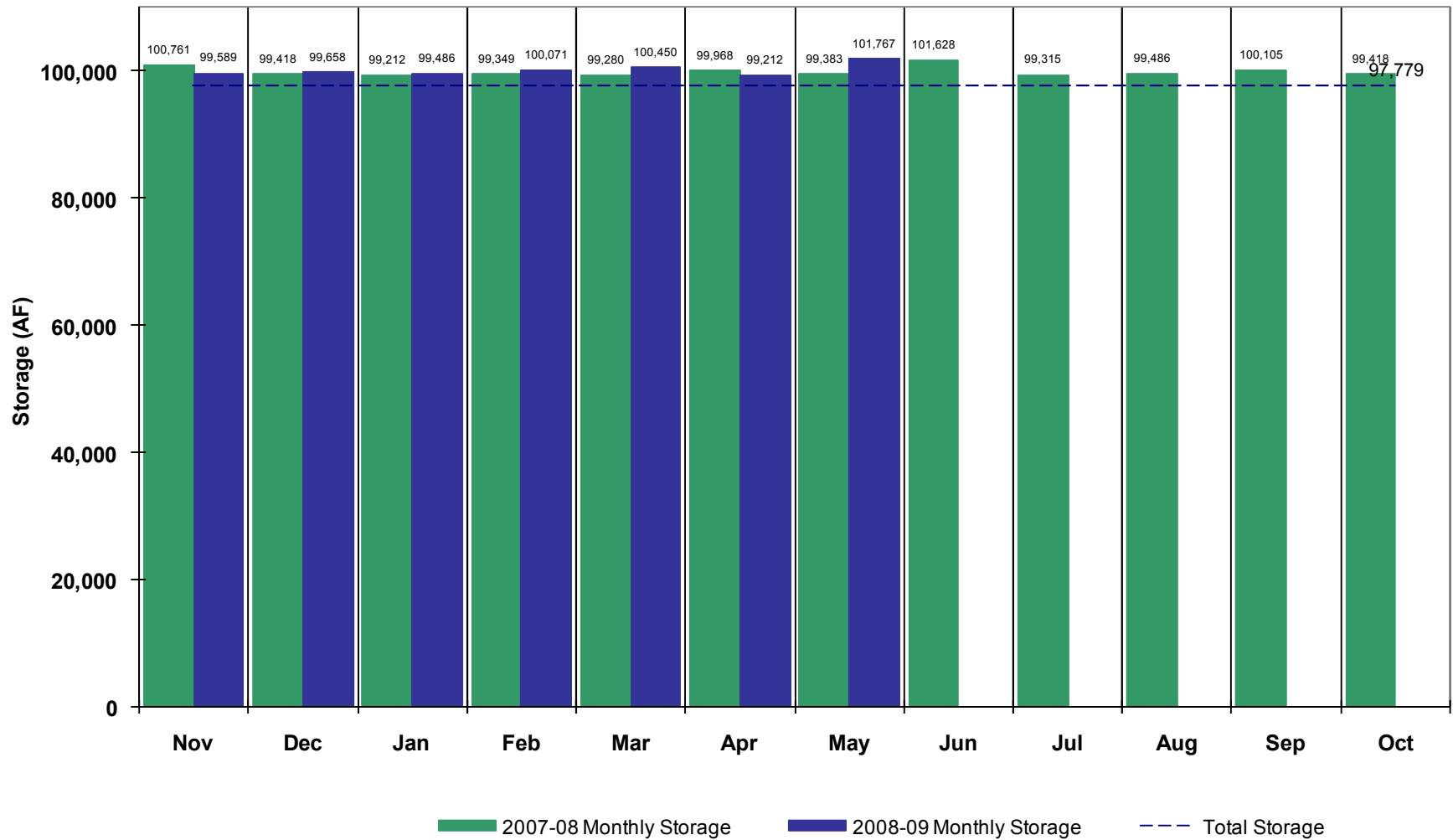
Spinney Mountain Reservoir

(District 23 - Municipal)

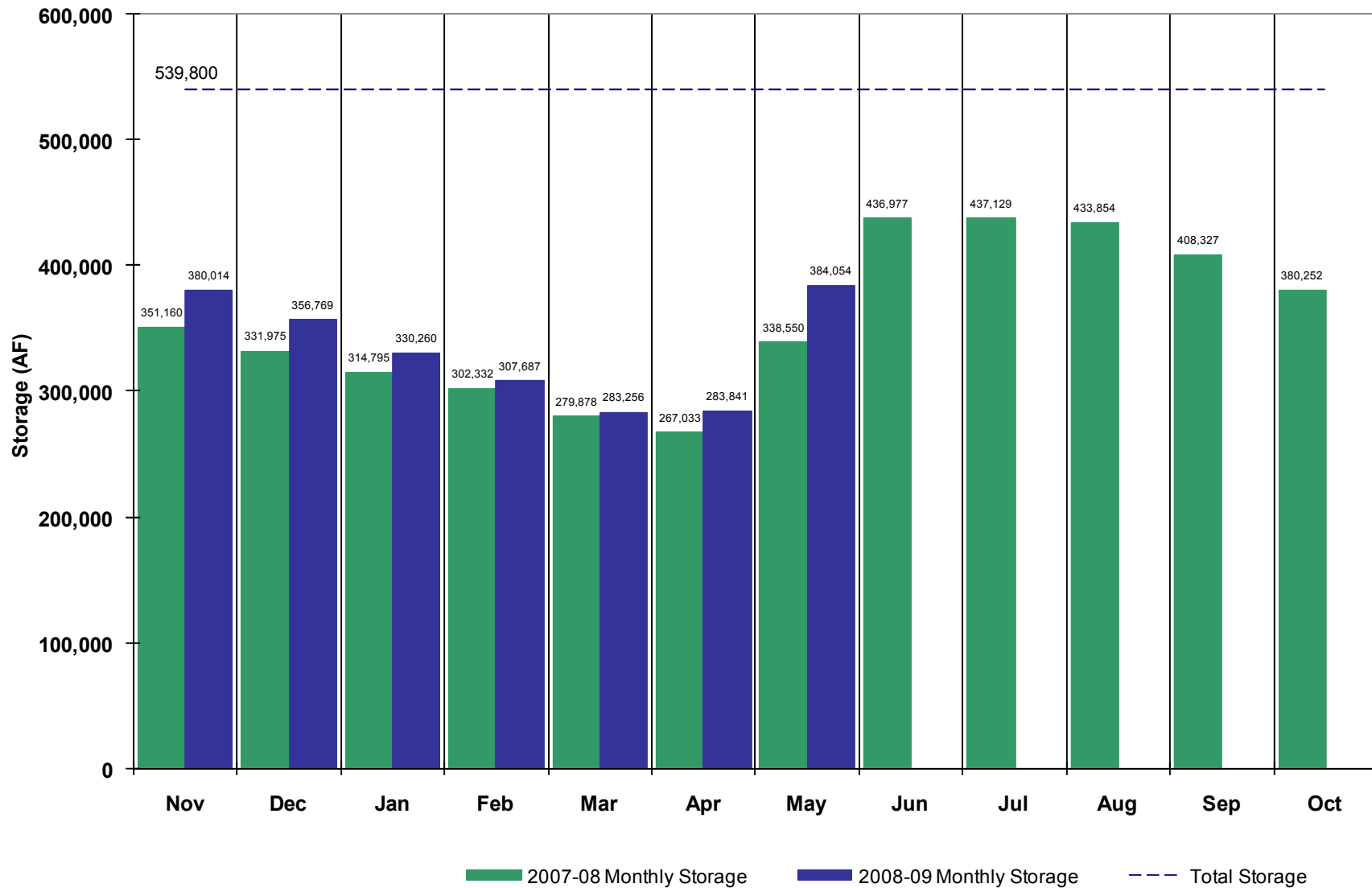


Eleven Mile Reservoir

(District 23 - Municipal)



Lake Granby



**All data is collected by the personnel of
Division 1 and is subject to revision.**



Fall River near Idaho Springs
(Photo by Jana Ash)